

1685.

Apollo Anglicanus, THE ENGLISH APOLLO:

Assisting
All Persons in the right Understand-
ing of this Years Revolution, as also of
things past, present, and to come.

With necessary Tables plain and useful.

A twofold Kalendar, viz. *Julian or English,*
Gregorian or Foreign Computations, more plain and
full than any other, with the Rising and Set-
ting of the Sun, the nightly Rising and Setting of the
Moon, and also her Sourthing, Exactly calculated
for every day. Of general use for most men.

Being the First after Bisextile or Leap Year.

To which is added short Notes, shewing (in a gene-
ral way) the Good and Bad days throughout the Year: also the
Moons application to the Planets and fixed Stars. With
the Calculations of the Eclipses, and quarterly ingresses with
many other things both useful and necessary.

Calculated according to Art, and fitted to the
Meridian of Leicester, whose Latitude is 52 Degrees, 41 Mi-
nutes. Exactly fitting all the middle Counties of England,
and without sensible Error the whole Kingdom.

By RICHARD SAUNDERS.
Student in the Physico-Mathematical Sciences.

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Company of Stationers, 1685.

The Julian or Old Ac. 5 168 5 The Gregorian or New
 count used in Engl. 5 168 5 Style used beyond Sea

	14	The Golden Number.	
	D	The Dominical Letters	
	4	The Epact.	
February	1	Shrove Sunday.	March
May	28	Ascension-Day.	May
June	7	Whit-Sunday.	June
November	29	Advent-Sunday.	December

A Table of the four Terms and their Returns, &c.

Hilary-Term begins January 23. ends February 12.

Octab. Hilary.	Jan. 24	January. 24	Jan. 22	Jan. 23
Quind. Hilary.	Jan. 28	January. 28	Jan. 29	Jan. 30
Craftin. Purif. Feb.	3	February 4	Febr. 5	Febr. 6
Octab. Purif. Feb.	10	February 11	Febr. 12	Febr. 13

Easter-Term begins May 6. ends June 1.

Quind. Pasch.	May 4	May 4	May 6	May 7
Tres Pasch.	May 11	May 12	May 13	May 14
Mens. Pasch.	May 18	May 19	May 20	May 21
Quinq. Pasch.	May 25	May 26	May 27	May 28
Craft. Ascens.	May 2	May 3	May 3	June 1

Trinity Term begins June 19. ends July 8.

Craft. Trin.	June 15	June 16	June 17	June 18
Octab. Trin.	June 22	June 23	June 24	June 25
Quind. Trin.	June 29	July 30	July 1	July 2
Tres Trin.	July 6	July 7	July 7	July 8

Michaelmas Term begins October 23. ends November 18.

Tres Mich.	Octob. 20	Octob. 21	Octob. 22	October 23
Mens. Mich.	Octob. 27	Octob. 28	Octob. 29	October 30
Craft. Anim. Nov.	13	Novemb. 14	Novemb. 15	Novemb. 16
Craft. Mart. Nov.	12	Novemb. 13	Novemb. 14	Novemb. 15
Octab. Mart. Nov.	19	Novemb. 20	Novemb. 21	Novemb. 22
Quind. Mart. Nov.	26	Novemb. 27	Novemb. 28	Novemb. 29

Table of the Kings and Queens of England since the Conqueror

Kings and Queens names.	Born Anno	Began to reign.	Reigned Since their Reigns ended.		Buried at
			Y.	M.	
William 1	1027	1065, Oct. 14	20	1159, Septem. 9	Caen No.
William 2	1057	1087, Sep. 9	12	1158, August 2	Winchel.
Henry 1	1068	1100, Aug. 2	35	450, Decem. 1	Reding
Stephen	1108	1135, Dec. 1	18	1153, Octob. 25	Feyersh.

The Saxon Line restor'd.

Henry	1132	1154, Oct. 2	25	1190, July 6	Fountever
Richard	1155	1189, July 6	34	1186, April 6	Fountever
John	1165	1199, April 6	17	1199, Octob. 19	Worcester
Henry	1207	1216, Oct. 19	56	1113, Nov. 16	Westmin.
Edward	1239	1272, No. 16	34	1178, July 7	Westmin.
Edward	1283	1307, July 7	19	1359, Jan. 25	Glocester
Edward	1312	1326, Jan. 25	51	1368, June 21	Westmin.
Richard	1356	1377, Jun. 21	22	1286, Septe. 29	Westmin.

The Line of Lancaster.

Henry	1367	1399, Sep. 29	13	1272, Mar. 20	Canterb.
Henry	1381	1412, Mar. 20	9	1283, Aug. 31	Westmin.
Henry	1421	1422, Aug. 31	38	1225, Mar. 4	Windsor

The Line of York.

Edward	1442	1460, Mar. 4	23	1202, April 5	Winchell
Edward	1471	1483, Apr. 30	0	1202, June 18	Not kno.
Richard	1448	1483, Jun. 18	2	2200, Aug. 22	Leist. (w)

The Families United.

Henry	1455	1485, Aug. 22	23	8177, April 21	Westmin.
Henry	1491	1508, Apr. 22	37	10138, Jan. 28	Windsor
Edward	1537	1547, Jan. 28	6	9132, July 6	Westmin.
Qu. Mary	1518	1553, July 6	5	4127, Nov. 17	Westmin.
Qu. Elizab.	1533	1558, No. 17	44	483, March 24	Westmin.

The Union of the two Kingdoms.

James	1565	1602, Ma. 24	22	066, March 27	Westmin.
Charles	1600	1625, Ma. 27	28	1137, Janu. 31	Windsor
Charles	1625	1648, Jan. 30		Whom God grant long to live.	

The World must now confess that Monarchs are
Of him that Rules above, the chief care.
He with Great CHARLES doth gently Peace restore,
Heaven could not give us, nor we covet more.
Hence Antimonarchists, from you there springs
Slavery: But Freedom is from Heaven and Kings.
Monarchia perfectissima gubernatio.

A Table of the Moons Southings, whereby the
Tides are exactly known.
The first six Months of this Year, 1685.

	Janua.		Februa.		March		April.		May		June	
	H.	M.	H.	M.	H.	M.	H.	M.	H.	M.	H.	M.
1	5	A. 11	5	A. 53	4	A. 40	5	A. 54	6	A. 4	7	A. 27
2	5	54	6	40	5	27	6	42	6	54	8	20
3	6	40	7	31	6	15	7	31	7	48	9	15
4	7	27	8	21	7	3	8	21	8	42	10	22
5	8	15	9	10	7	53	9	12	9	38	11	12
6	9	3	10	0	8	44	10	3	10	36	12	19
7	9	50	10	53	9	35	10	56	11	34	0	M. 15
8	10	36	11	48	10	27	11	52	12	36	1	19
9	11	24	12	38	11	20	12	48	0	M. 36	2	20
10	12	13	0	M. 38	12	14	0	M. 48	1	38	3	16
11	0	M. 13	1	38	0	M. 14	1	50	2	40	4	11
12	1	5	2	20	1	10	2	52	3	37	5	0
13	1	56	3	12	2	7	3	53	4	32	5	40
14	2	45	4	5	3	4	4	53	5	26	6	21
15	3	34	5	0	4	0	5	52	6	18	7	4
16	4	24	5	54	4	55	6	45	7	8	7	48
17	5	14	6	50	5	49	7	32	7	16	8	32
18	6	5	7	45	6	41	8	16	8	40	9	17
19	7	0	8	40	7	32	9	1	9	18	10	4
20	8	0	9	34	8	22	9	45	9	58	10	53
21	9	0	10	28	9	12	10	30	10	40	11	42
22	10	0	11	21	10	2	11	24	11	26	12	32
23	10	56	12	12	10	51	11	57	12	14	1	A. 10
24	11	50	1	A. 0	11	38	12	40	1	A. 2	2	8
25	12	43	1	44	12	26	1	A. 24	1	50	2	55
26	1	A. 30	2	28	1	A. 12	2	8	2	38	3	42
27	2	15	3	10	1	58	2	54	3	26	4	28
28	3	0	3	54	2	43	3	40	4	14	5	15
29	3	44			3	30	4	27	5	2	6	5
30	4	27			4	18	5	15	5	49	6	53
31	4	10			5	6			6	37		

The Moons Southing for every day the last of Six Months of this Year 1683.

	July	August	September	October	November	December
	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.
1	7 A. 50	9 A. 33	11 A. 17	11 A. 45	12 41	0 M. 4
2	8 48	10 36	12 6	12 26	0 M. 41	0 52
3	9 52	11 34	0 M. 6	0 M. 26	1 18	1 38
4	10 56	12 31	0 53	1 8	2 16	2 24
5	12 0	0 M. 31	1 40	1 54	3 3	3 10
6	0 M. 0	1 20	2 27	2 42	3 51	3 56
7	0 56	2 10	3 14	3 24	4 38	4 42
8	1 47	3 0	4 0	4 21	5 26	5 28
9	2 36	3 50	4 46	5 11	6 14	6 13
10	3 25	4 40	5 32	6 0	7 0	6 56
11	4 12	5 30	6 20	6 48	7 48	7 44
12	4 56	6 18	7 8	7 36	8 38	8 38
13	5 40	7 4	7 56	8 24	9 30	9 38
14	6 24	7 50	8 45	9 12	10 24	10 41
15	7 10	8 37	9 34	10 0	11 17	11 46
16	7 55	9 24	10 24	10 50	12 12	12 49
17	8 44	10 10	11 14	11 41	1 13	1 A. 48
18	9 34	10 56	12 5	12 35	2 14	3 43
19	10 24	11 42	1 56	1 A. 33	3 15	3 35
20	11 14	12 28	1 A. 48	2 32	4 12	4 25
21	12 4	1 A. 05	2 42	3 34	5 9	5 13
22	12 52	2 3	3 38	4 36	6 2	6 0
23	1 A. 40	2 52	4 35	5 36	6 50	6 44
24	2 28	3 44	5 36	6 32	7 56	7 50
25	3 16	4 32	6 36	7 23	8 52	8 16
26	4 4	5 40	7 37	8 10	9 42	9 2
27	4 53	6 39	8 36	8 55	9 51	9 49
28	5 44	7 38	9 30	9 46	10 36	10 36
29	6 37	8 36	10 23	10 24	11 20	11 23
30	7 35	9 31	11 0	11 9	12 4	12 11
31	8 34	10 23	11 54	11 54	0 M. 11	0 M. 11

To find the time of High-water in most Coasts of England.

First seek the Moons Southing on the foregoing Table for your day, for then you may conclude it High-water at Southampton, Quinborough, and Portsmouth, for there the South and North Moons make a High-water. But when you desire the time of full Sea in any of the following Coasts in the ensuing Table, find the name of the place, and see how many hours and Minutes be annexed therunto in the Column under H. M. which added to the time of the Moons coming to South, gives you the time of High-water for the place required.

A Tide Table, with the names of the Havens:

Rochester, Malden, Aberdeen,	0 h. 45 m.
Gravesend, Romney, Ramkins,	1 30
London, Tinnmouth, Hartlepool,	3 0
Frisb, Leith, Dunbar, Narbon,	4 30
Newcastle, Falmouth, Humber,	5 15
Lyn, Antwerp, Plymouth, Hull,	6 0
Bristol, Lanion, Foulness,	6 45
Milford, Bridgwater, North coast,	7 30
Pontland, Peterport, Hartflew,	8 15
Dover, Tarmouth, Warwick, Dublin,	10 30
Callice, Rye, Winchelsey, Calshot,	11 15

Example.

The 16. of April this Year it is required, to know the time of High-Water at London: by the Table over against the 16. of April, I find the Moon South at 6 hours, 45 min. in the Morning: then in the preceding Tide Table against London, I find 3 hours, 0 minutes, which added to 6 hours 45 minutes, makes 9 hours, 45 minutes, the time of High-water at London the 16. day of April, in the Morning. So of any other.

NOTE. That the Tide floweth one point of the Compass more at the New and Full of the Moon, than at the First and Last Quarters: as also the Latitude of the Moon and Wind, may alter it an hour sooner or later.

Directions for the subsequent Diary or Almanack.

IN the first Column to the left hand on the left-hand Page you have the Numerical Figures of the days of the Month.

In the second Column you have the week days, and the Dominical Letter.

In the third Column you have the Saints days, and the places of the Planets once a Month; as also the Moons application to the fixed Stars, by which the Asterisms and Constellations may be easily known to an Ingenious eye and understanding.

In the fourth Column the Moons place in the Zodiac every day at noon.

In the fifth Column the Rising and Setting of the Moon, with respect to her Latitude.

In the sixth Column the Mutual Aspects of the Planets, with the general State of the Weather.

In the first Column on the Right hand Page you have the English Account.

In the second Column you have the Roman Account.

In the third Column the Roman Week days.

In the fourth Column the perfect Roman Kalendar and Saints days.

In the fifth Column you have the Moons application to the Planets with Good and Bad days, with some other things worth Observation.

The sixth, seventh, and eighth Columns, the utmost to the Right hand, shew you the daily Rising and Setting of the Sun.

January hath xxxi. days.

- First quarter the 2. day, at 2. in the Afternoon.
- Full Moon the 10. day, at 4 in the afternoon.
- Last quarter the 17. day, at 7 at night.
- New Moon the 24. day, at 4 in the afternoon.

1	a	1. day	aries	10	11	24	Moon Rising.	Cloudy and turbulent at the beginning of the Year, with Snow, or
2	b	n. Gird And.	aries	22	12	36		
3	c	n. S. F. Andr.	taur.	4	0	36		
4	d	2 Sun. p. Christ	taur.	16	1	48		
5	e	n. Aldeb.	taur.	28	3	4	Moons Setting.	☐ h ♀ Sleet ☐ ♂ ♀ and stormy weather till after the
6	f	Twelfth day	gem.	10	4	15		
7	g	n. R. m. Aur.	gem.	22	5	17		
8	a	n. Syrius	canc.	4	6	18		
9	b	Sol in Aquar.	canc.	17	7	21	Moons Setting.	* ♀ full moon, then we may expect a more calm time with Δ ♀ Frost and seasonable weather: But * h ♂ about the 18 or 19. da. some brisk gales of Wind and moisture, with some
10	c	n. Asellus	canc.	29	Full	0		
11	d	1 past Epiph.	leo	12	5	A. 0		
12	e	h 16 R.	leo	26	6	12		
13	f	♂ 22	virgo	9	7	24	Moons Setting.	Cold missings about the New Moon, and toward the end temperate
14	g	♂ m 13	virgo	23	8	48		
15	a	♀ 22	libr.	7	10	30		
16	b	♀ 24	libr.	21	11	32		
17	c	n. Sou. Ballan.	scor.	4	12	53	Moons Rising.	Δ h ♂ ☐ ☉ ♂ for the sea- Δ ☉ ♀ son.
18	d	2 past Epiph.	scor.	19	0	M. 53		
19	e	n. Antares	agw.	3	2	20		
20	f	n. R. S. Op.	sagit.	17	3	43		
21	g	n. Lyca	capri.	4	5	0	Moons Rising.	
22	a	n. Ta. yult.	capri.	16	5	8		
23	b	Term begins	aquar.	0	7	2		
24	c	n. I. Sh. aqua	aqua.	14	New	0		
25	d	Conv. S. Paul	aqua.	27	5	19	Moons Rising.	
26	e	n. Marchab P.	pisc.	10	5	30		
27	f	n. Scheat	pisc.	21	7	45		
28	g	n. H. Andr.	aries	4	9	2		
29	a	n. Gir. Andr.	aries	18	10	14	Moons Rising.	
30	b	K. Cha. I. Mart	taur.	0	11	25		
31	c	n. h. T. Ar.	taur.	13	12	36		

JANUARY, 1684.

Saturn is South between 2 and 3 in the morning, he riseth about 8 at night.

Jupiter is South about 2 hou. 15 min. after *Saturn*.

Mars is South about 8 in the morning.

Venus riseth before the Sun, *Mercury* followeth the Sun and may be seen.

Enclit. Accompt.
Foltri. Accompt.
Rom. Kalenda
Rom. Secs. Days

11	u	Hyginus	<i>Fronte capillata, post est</i>	1	8	73	52
12	e	Satyrus	<i>ocasio calva</i>	2		5	55
13	f	Hillary	Cross and untoward.	3		4	56
14	g	2 aft. Epiph	It begins to mend,	4		2	58
15	a	Mancus	Pretty hopeful.	5	8	13	59
16	h	Marcellus	Take another time.	6	7	59	4
17	c	Anthony	Cross and bad enough.	7		58	2
18	d	Prisca	<i>Ab alio expectis, quod</i>	8		57	3
19	e	Wolstan	<i>alteri Machinari.</i>	9		55	5
20	f	Sebastian	As good sit still.	10		53	7
21	g	3 past Epip	Take heed of a Cheat.	11		52	6
22	a	Vincent	Thy Mistress smiles.	12		50	10
23	h	Emerent	) w. h at midnight.	13		49	11
24	c	Timothy	'Tis chance modly.	14		47	13
25	d	Conu. S. Paul	Now aft thy part.	15		46	14
26	e	Polycarp	) w. y at 4 in the Aft.	16	7	44	16
27	f	Agnes sec.	Beware of Passion.	17		43	17
28	g	4 aft. Epiph	) w. g at 6 in the mo.	18		41	19
29	a	Samuel	'Tis none of the best.	19		39	21
30	h	Apolloni	Some sweet, some sow.	20		38	22
31	c	Virgilius	) w. q at 7 at night.	21		36	24
1	Feb.	Bridg. Fast	Now pursue thy Game.	22		34	26
2	d	Purif. Mary	A vacant time.	23		33	27
3	e	Blase	Be not too hasty.	24		31	29
4	g	5 aft. Epiph	) w. q at 11 at night.	25		29	31
5	a	Agatha	The old Fellow's angry.	26	7	27	33
6	h	Dorothea	<i>Formica sua bilis inest,</i>	27		25	35
7	c	Zachary	<i>habet & Musca splenm.</i>	28		23	37
8	d	Paul. Bish.	Court not; 'twill not do.	29		21	39
9	e	Apolinus	Make thy Address to	30		19	41
10	f	Scholastica	Seniors, beware of pas	31		17	43

February hath xxviii. days.

- First quarter the first day, at 11 in the morning.
- Full Moon the 9 day, 45 min. past 9 in the morning.
- Last quarter the 16. day, at 3. in the morning.
- New Moon the 23. day, 20 min. past 6. in morn.

Mon. Day.	Week Da.	Festival & Saints	The Days with the Days place in application to the zodiac noted fix'd stars. at Noon	The rising fro. the full to the change, & setting fr. the cha. to the F.	The mutu. Aff of the Plan. with the var. const. of air & cha. of wet.
1	D	Epiph.	taur. 24	M 36	Cold yet tem-
2	E	Purif. Mary	gem. 6	45	perate, but tis
3	F	D. n. Head Orio	gem. 12	49	soon changed to
4	S	D. n. Sh. A trig.	canc. 3	51	☐ ♀ ♀
5	S	D. n. Cator	canc. 12	4	* ♂ ♀ ♂ ☉ ♀
6	b	D. n. A schus	canc. 2	44	Wind and Cold.
7	c	D. n. H. Hyd.	leo 5	25	☐ ♂ ♀ Rain
8	D	Epiph.	leo 21	9	or Snow, and
9	E	Full in Pisces	virg. 5	Full	probably plenty
10	F	h 15 m R.	virg. 15	5 A 28	△ ♀ ♀ thereof.
11	G	h 22 m R.	libra. 3	7	Whence this
12	a	Term ends	libra. 17	13	month may pro-
13	b	h 28 m	scorp. 2	10	perly be called
14	c	h 3 m	scorp. 16	12	Valentine till
15	D	Septuagesim.	sagit. 6	5 M 10	ditch. Now we
16	E	h 19 m	sagit. 14	1	may expect a lit-
17	F	D. n. luc. Ca. Dra.	sagit. 28	2	tle mitigation,
18	G	D. n. Tz. vult.	capri. 12	4	but it presently
19	a	D. n. Br. * vult.	capri. 25	1	changed to
20	b	D. n. Sw. wing.	aquat. 9	5	☐ ☉ h Cold
21	c	D. n. Pegas. mo.	aqua. 22	5	Rain and also
22	D	Sexagesim.	pisces 6	5	wind, but after
23	E	D. n. Marcab.	pisce. 19	New	the New moon
24	F	S. Matthias	aries 1	5 A 48	'tis △ ♀ ♀ ho-
25	G	D. n. Head And.	aries 14	3	ped we may
26	a	D. n. Gird. And.	aries 26	7	have △ ♀ ♀
27	b	D. n. So. F. And.	taur. 8	15	more temperate
28	c	D. n. 7. stars	virg. 20	11	weather.

FEBRUARY, 1683.

Saturn is South about mi. night at the latter end of the month, and riseth between 5 and 6. *Jupiter* is South 2 hours 15 minutes after *Saturn*. *Mars* South about 3 in the morning. *Venus* riseth before the Sun. *Mercury* is hid under the Sun Beams.

English Acquire.	Roman Account.	Roman Kalender.	Roman Sunts. days.	Relie, state The Good & Bad days, & concept. deduc. from the D s Af.	☿	♄	♃	♅
1	11	♄	♄	6 aft. Epiph. <i>Humana in Gyro fluctuans.</i>	1	7	16	4
2	12	♄	♄	Severin	2	14	4	46
3	13	♄	♄	Agabus	3	12		48
4	14	♄	♄	Valentine	4	10		50
5	15	♄	♄	Faustin	5	8		52
6	16	♄	♄	Juliana	6	6		54
7	17	♄	♄	Constance	7	4		56
8	18	♄	♄	Septuagel.	8	2		58
9	19	♄	♄	Sabine	9	7	0	5
10	20	♄	♄	Eucharist.	10	5	58	2
11	21	♄	♄	Esaia	11	56		4
12	22	♄	♄	Peters Ch.	12	54		6
13	23	♄	♄	Policarp	13	52		8
14	24	♄	♄	S. Mattheias	14	49		11
15	25	♄	♄	Sextuagel.	15	47		13
16	26	♄	♄	Nestor	16	45		15
17	27	♄	♄	Fortuna	17	5	43	5
18	28	♄	♄	Macar	18	41		10
19	29	♄	♄	David	19	39		21
20	30	♄	♄	Chad	20	37		23
21	31	♄	♄	Cunigar	21	34		26
22	1	♄	♄	Quinquag.	22	32		28
23	2	♄	♄	Eusebius	23	30		30
24	3	♄	♄	Shrove-tu.	24	28		32
25	4	♄	♄	Ash-wedn.	25	6	26	5
26	5	♄	♄	Cyprian	26	24		36
27	6	♄	♄	Prudence	27	2		38
28	7	♄	♄	Agapite	28	1		40

March hath xxxi. days.

- First quarter the 7 day, at 10 in the morning.
- Full Moon the 16. day, 30 min. past 6 at night.
- Last Quarter the 17 day, at 10 in the morning.
- New Moon the 24. day, 41 min. past 9 at night.

1	Quinquages.	gemi 212	4	Windy and
2	1 n. A. Chaiot	gemi 140	M 5	seasonable
3	Shrove Tuesday	gemi 261	4	Rising
4	1st Wednesday	canc. 82	48	♂ ♀ ♀ at the
5	2 n. Pollux	canc. 203	44	beginning with
6	3 n. Alfilus	leo 33	30	some cold Rain
7	4 n. Hydra H.	leo 165	2	about the 4
8	5 Quadragesim.	leo 295	30	and 8 days,
9	6 n. 12.	virg. 135	54	and probably
10	7 Sol in aries	virg. 27	Full	good March
11	8 n. 20	libra 127	A. 0	weather till
12	9 n. 9	libra 278	31	Ember Week
13	10 n. 8	scorp. 1010	4	Ab. the 12 or 14
14	11 n. 8	scorp. 2611	30	day, then expect
15	12 Sund. in Lent	agit. 1112	52	☐ ♂ ♀ ♀ wind
16	13 n. 3	agit. 250	M. 52	and cold rain
17	14 n. vult Ta.	capr. 82	4	♂ ♀ ♀ and
18	15 n. B. * vult	capr. 223	4	♂ ♀ ♀ stormy
19	16 n. Sw. H. win	aqua 63	50	weather for
20	17 n. L. m. m.	aqua. 194	24	some days,
21	18 n. E. Peg. Wi.	pisces 24	4	☐ ☉ ☉ and
22	19 Sund. in Lent	pisces 151	7	generally very
23	20 n. wh Ta. Bo.	pisces 275	27	various weather
24	21 n. Head And.	aries 10	New	☐ ♀ ☉ till after
25	22 Lady day	aries 227	A. 6	the New Moon;
26	23 n. So. F. And.	aur. 48	19	then 'tis hoped
27	24 n. med. Head	aur. 169	30	we may have
28	25 n. Aliebar.	aur. 2810	40	♂ ♀ ♀ some
29	26 Midlent Sunday	gem. 1011	4	dry winds and
30	27 n. R. H. A. m.	gem. 2212	4	seasonable
31	28 n. 40	enc. 40	M. 2	weather to
				the end.

MARCH, 1685.

Saturn is South between 10 and 11 at night, and Rises about 4 in the morning. Jupiter at the end is South at midnight. Mars is South about 4 in the morning. He riseth about midnight. Venus and Mercury are near together all this month, and rise a little before the Sun.

English Accell.	Rom. Accell.	Rom. Kalendar.	Rom. Sts. Days.						
1	11	G	Quadrage.	<i>Jacunda vicissitudo</i>	16	18	42		
2	12	a	Gregorius	<i>vetum.</i>	2	16	44		
3	13	b	Theodore	Now she's pleasant.	3	14	46		
4	14	c	Eutychus	You can rarely miss.	4	12	48		
5	15	d	Longine	'Tis none of the worst.	5	10	50		
6	16	e	Cyriacus	Good time for hunting.	6	8	52		
7	17	f	Gertrude	A hopeful time yet.	7	6	54		
8	18	g	Reminiscer.	Now the scene is chan.	8	4	56		
9	19	a	Joseph	☾ w. h at 11 in mor.	9	2	58		
10	20	b	Rupert	I cannot commend it.	10	0	60		
11	21	c	Benedict	☾ w. v at midnight.	11	5	62		
12	22	d	Paulinus	Exceeding hopeful.	12	56	64		
13	23	e	Godfridus	Now ast thy peer.	13	54	66		
14	24	f	Quirin. Fast	Not much amiss.	14	52	68		
15	25	g	Julii	AN B V.M. ☾ w. ♂ at 15	15	50	70		
16	26	a	Castulus	She still (10 in the mor.	16	48	72		
17	27	b	Jo. Erer.	<i>Stadiorum Radices ama-</i>	17	46	74		
18	28	c	Gideon	<i>ra; fructus vero</i>	18	44	76		
19	29	d	Eustace	<i>sapidi.</i>	19	42	78		
20	30	e	Guido	A hopeful time.	20	40	80		
21	31	f	Balbina	A vacant time.	21	38	82		
22	1	g	Leitac	☾ w. ♀ at 9 at night.	22	36	84		
23	2	a	Mary Egyp.	☾ w. ♀ at 1 in morn.	23	34	86		
24	3	b	Ulpian	Be not too venetrous.	24	32	88		
25	4	c	Ambrose	Takes little effect.	25	30	90		
26	5	d	Vincent	A calm time.	26	28	92		
27	6	e	Agrippus	'Tis pretty hopeful.	27	26	94		
28	7	f	Perpetuus	Take her i'th' humour.	28	24	96		
29	8	g	Judica	Do thy duty, serve God.	29	22	98		
30	9	a	Albanus	First try, then trust.	30	20	100		
31	10	b	Ezekiel	Now she'll frown.	31	18	102		

April hath xxx. days.

First quarter the 2. day, at 2 in the morning.

Full Moon the 9. day, at 2 in the morning.

Last quarter the 15. day, at 7 at night.

New Moon the 23. day, 30 min past 1 in the morn.

1	a	n. Castor.	canc. 10	M. 42	Seasonable and
2	a	n. N. Afellus.	canc. 28	2	good weather at
3	o	n. S. Afellus.	leo 11	15	the beginning
4	c	n. Lyon hear.	leo 22	39	Δ 8 9 but it
5	d	Sund. in Lent	virgo 11	3	soon change to
6	e	n. Leo T4.	virgo 21	24	8 9 windy
7	f	n. l. sh. Root.	libra 6	14	and blowing
8	e	n. Virg. Spik.	libra 21	1	moist weather
9	a	Sel in Taurus	scorp. 2	Full	which being
10	b	☿ 11.	scorp. 21	A. 2	past, we may
11	c	☿ 16.	agit. 6	10 35	Δ 16 2 expe.
12	d	Palm Sunday	agit. 26	12	a very pleasant
13	e	☿ 14 Sta.	agit. 30	M. 1	8 9 and
14	f	☿ 19	agit. 16	20	seasonable time
15	g	☿ 7	aquar. 22	0	with some wind
16	a	☿ 1	aquar. 10	18	8 9 & Rain
17	b	n. R. sh.	aquar. 29	1	Δ 8 9 about the
18	c	n. Marchab.	pisce. 12	2	17 day, or else
19	d	Easter day	pisce. 24	3	no great alter.
20	e	n. He. Andr.	aries 1	25	Δ 10 5 arion
21	f	n. Gird And.	aries 15	1	rid about the
22	g	n. So. Feo. An.	taur. 1	30	new Moon
23	a	S. George	taur. 13	New	which may
24	b	n. 7 Stars	taur. 2	A. 33	produce some
25	c	St. Mark	gem. 7	10 46	brisk gales of
26	d	Low Sunday	gem. 19	10 52	wind and Snow,
27	e	n. R. sh. Aur.	canc. 0	11 46	few showers
28	f	n. Syrius.	canc. 12	12 32	yet season
29	g	Procyon.	canc. 21	M. 33	able wea-
30	a	n. Afellus	leo 7	1	ther.

Scit. & C.

Moon Rising.

Moon's Setting.

English Accom

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APRIL, 1685.

Saturn is South about 9. at night, and sets betwixt 3. and 4. in the morning, Jupiter followeth Saturn, and is South about 2. hours after him. Venus riseth about an hour before the Sun, Mercury hid under the Sun's beams.

English Accom	Foreign Accom	Rom. St. days	Rom. Calendar	English Accom	Foreign Accom	Rom. St. days	Rom. Calendar
1	11	c	Leo, Pap.	1	5	14	46
2	12	d	July Bish.	2	12	48	
3	13	e	Iustinus	3	10	50	
4	14	f	Tiburtius	4	8	52	
5	15	g	Palas Sua.	5	6	54	
6	16	a	Carifus	6	4	56	
7	17	b	Anicetus	7	26	58	
8	18	c	Apollon	8	5	60	
9	19	d	Timothy	9	4	62	
10	20	e	Sulpitius	10	50	64	
11	21	f	Adelarius	11	98	66	
12	22	g	Pascha	12	52	68	
13	23	a	S. George	13	50	70	
14	24	b	Albertus	14	48	72	
15	25	c	S. Mark	15	46	74	
16	26	d	Cletus	16	44	76	
17	27	e	Anastafius	17	42	78	
18	28	f	Vitalis M.	18	40	80	
19	29	g	Quasimod.	19	38	82	
20	30	a	Josua	20	37	84	
21	May	b	S. Phil & Ja.	21	36	86	
22	2	c	Athanasius	22	34	88	
23	3	d	Inu. Crucis	23	33	90	
24	4	e	Florian	24	31	92	
25	5	f	Godard	25	30	94	
26	6	g	Misericord.	26	28	96	
27	7	a	Jovenal	27	26	98	
28	8	b	Stanislaus	28	25	100	
29	9	c	Hiobe	29	23	102	
30	10	d	Pancratius	30	21	104	

May hath xxxl. days.

- First quarter the First day, at 4 in the afternoon.
- Full moon the 8. day, at 10 in the morning.
- Last quarter the 15. day, at 4 in the morning.
- New Moon the 23. day, 30 min. past 5 in the morn.
- First quarter the 31. day, at 3 in the morning.

1	S. Phil. & Jac	leo	19	1	M. 26	winds raising,
2	n. Cor leo	virg.	22	12		☐ ☿ ☿ Clouds
3	2. past Easter	virg.	16	2	36	☐ ☿ ☿ bringing
4	h 10. D.	libra	2	2	34	☿ ☿ ☿ storm of
5	n. Vir. Spick.	libra	14	3	11	☐ ☿ ☿ hail and
6	Term begins	libra	29	3	30	frequent showers
7	n. N. Ball	scorp.	14	3	51	of Rain till
8	n. L. Kn. Op.	scorp.	29	Full		after the full
9	n. head Oph.	sagit	14	9	A. 37	☐ ☿ ☿ moon.
10	2 past Easter	sagit.	29	10	54	Then we may
11	sun in Gem.	capri	14	11	52	expect good and
12	☐ 13.	capri	28	12	36	pleasant wea-
13	☿ 7 9. R.	aquar	12	5	M. 36	ther with some
14	☿ 24.	aquar	26	5		misty mornings,
15	☿ 27.	pisces	9	30		or drizzling
16	☐ 5 o.	pisces	21	50		Rain, with in-
17	4 past Easter	aries	4	2	7	crease of heat,
18	n. he. Andr.	aries	16	2	22	☿ ☿ ☿ and pro-
19	n. first Arie.	aries	28	3	37	bably some thun-
20	n. S. Fo. And.	taur	10	2	52	der and about
21	n. 7 Stars	taur	22	3	12	☐ ☿ ☿ the new
22	n. Aldeba.	gem	4	3	33	Moon much va-
23	n. Alhalor	gem	15	New		☿ ☿ ☿ riety of
24	5 past Easter	gem	27	9	A. 40	☐ ☿ ☿ weather
25	n. Syrius	cancer	9	10	30	but the end
26	n. Procyon	cance	21	11	14	produceth fair
27	n. Asellus	leo	4	11	49	and windy, yet
28	Ascensio Dom.	leo	16	12	17	☐ ☿ ☿ seasons.
29	K. Char. II. Nac	leo	28	5	M. 17	☐ ☿ ☿ weath.
30	n. Ex. Ta. leo	virg.	12	5	40	
31	6 past Easter	virg.	25	5	57	

Moons Setting.

Moons Rising.

May 1685.

Saturn South, near 7 at Night, and 11 in the Morning. Jupiter is South near 9 at Night. Mars is South near Mid-night. Venus is hid under the Suns Beams. Mercury emergeth from the Suns Beams, and may be seen after Sun-set in the North-west.

Fecl. Acc.	For. Acc.	Mo. Kalen.	S. Saints d.						
1	13	e	Christian	<i>una queque Successio est</i>	14	19	7	41	
2	12	f	Gordian	<i>Caduca.</i>	2	17		43	
3	13	g	Jubilate	D w. h at 4 in the m.	3	15		45	
4	14	a	Fortuna	pretty hopeful	4	14		46	
5	15	b	Sophia	D w. V at 11 in the m.	5	12		48	
6	16	c	Peregrine	an excellent time	6	10		50	
7	17	d	Dunstan	the scene is changed	7	9		51	
8	18	e	Verant	sun E. at 7. m. w. at 5.	8	8		52	
9	19	f	Sarah	D w. G at 5 in the m.	9	6		54	
10	20	g	Cantate	<i>Viperam in sinu fovet.</i>	10	5		55	
11	21	a	Prudent	indifferent good,	11	3		57	
12	22	b	Helena	now act thy part,	12	2		58	
13	23	c	Desiderius	not much amiss	13	1	7	59	
14	24	d	Ethier	cross & bad enough	14	0	8	9	
15	25	e	Urbanus	sun E. at 7. h. 1. m. m	15	3	59	8	
16	26	f	Edward	un w. at 4. h. 52. in Af	16	58		2	
17	27	g	Rogation	it begins to mend	17	57		3	
18	28	a	Wilhelm	yet act warily	18	55		5	
19	29	b	Maximin	make thy accounts	19	54		6	
20	30	c	Wigand	consult an old friend	20	53		7	
21	31	d	Ascent Domi.	a vacant time	21	52		8	
22	June	e	Nicodemus	D w. Q at 1. in the Af.	22	51		9	
23	1	f	Marcellus	some sower so. sweet	23	50		10	
24	2	g	Exaudi	D w. Q at midnight	24	49		11	
25	3	a	Quirinus	It begins to mend	25	3	48	8	
26	4	b	Boniface	a calm time	26	47		13	
27	5	c	Artemidi	go on and prosper	27	46		14	
28	6	d	Paul Ep.	an appearance of go.	28	45		15	
29	7	e	Madra	keep out of danger	29	45		16	
30	8	f	Barnim	D w. h at 1. in the m.	30	44		17	
31	9	g	Pentecost	take another time.	31	44		18	

B

June hath xxx Days.

- Full moon the 6 day, 45 min. past 5 at Night.
- Last quarter the 13 day, at 4 in the Afternoon.
- New moon the 21 day, 24 min. past 8 at Night.
- First quarter the 29 day, at 10 in the morning.

1	Term ends.	Lib.	9	1	M 12	Moons Setting	Pleasant gales
2	Dn. Virg. Spik.	Lib.	23	1	28		of Wind, with
3	Dn. Luc. Cor. scorp.	7	1	46			showers of
4	Dn. R. Sh. Herc. scorp.	22	2	8			Rain, about the
5	Dn. le. Sh. Her. sagit.	8	2	40			fourth and sixth
6	Dn. R. Sh. ont. sagit.	13	Full	●			days, and some
7	Whit-Sund.	Cap.	8	9	A 28	Moons Rising	probability of
8	May 12. P.	Cap.	23	10	18		thunder about
9	V. = 13.	Aqu.	7	11	4		☉ ☽ this time
10	☉ ☿ o. o.	Aqu.	21	11	34		☉ ☽ ☽ Ember
11	St. Barnabas.	Pisces	5	11	54		Week, After-
12	& Sol in Can.	Pisc.	18	12	M 11		wards an in-
13	☿ ☽ 1.	Aries	0	0	11	Moons Setting	crease of heat
14	Trin. Sunday	Aries	13	0	26		may be expected
15	☽ II 26.	Aries	25	0	40		and good Sum-
16	☽ II 28.	Tau.	7	0	54		mer weather
17	Dn. 7. Stars.	Tau.	19	1	10		with some
18	Dn. Aldebar.	Gem.	0	1	34		☉ ☽ ☽ brick
19	Term begins	Gem.	12	1	54	M. Setting	gales of wind
20	Dn. R. Sh. Aur.	Gem.	24	2	21		and showe's a-
21	S. p. Trinity.	Can.	6	New	●		bout the new-
22	Dn. Procyon.	Can.	18	9	6		moon * h ☽
23	Dn. A. ellus.	Leo	1	9	46		* ☽ h. ☽ ☽
24	S. John Bap.	Leo	13	10	16		and variety of
25	Dn. Cor. Le.	Leo	26	10	40		☽ ☽ ☽ weather
26	Dn. Leo. Ta.	Virg.	8	11	0	M. Setting	about this time,
27	Dn. u. l. c. v. m.	Virg.	22	11	13		but towards the
28	S. p. Trin.	Lib.	5	11	28		end good and
29	S. Pet.	Lib.	19	11	46		seasonable wea-
30	Dn. Luc. Cor.	scor	3	12	7		ther.

Rom Acco.
Engl Acco.

Saturn followeth the Sun, and sets about 11 at Night. Jupiter sets near Mid night. Mars is South near 10 at Night. Venus is Combuſt. Mercury alſo hid, being under the tins Beams.

1	11	a	St. Barnaba.	D w. ♀ at 8. at N.	1	3	44	8	16
2	14	b	Blaudin	Excel. t. ne, Cou. thy	2		43		17
3	19	c	Cyrillus	Mitrefs. ſhe's pleaſ.	3		43		17
4	14	d	Valerius	not much amiſs	4		42		18
5	15	e	Vitus	D w. ♂ at 4 in th. m.	5		42		18
6	16	f	Rulandus	as bad as may be	6		42		18
7	17	g	Trinity Sun.	ſome ſweet ſo ſower.	7		42		18
8	18	a	Homer	aſt now, but beware	8		41		19
9	19	b	Gervafe	of paſſion—	9		41		19
10	20	c	Regina	Sun du. E. at 7. n. 17	10		41		19
11	21	d	Alban	m. 30. ſe. in t. m. & w.	11	3	41	8	19
12	22	e	Achatius	at 4. h. 42. m. 30. ſ. A.	12		41		19
13	23	f	Baſilius	Notable ſtrugling	13		41		19
14	24	g	St. J. Bapt.	'twill be better,	14		41		19
15	25	a	Elogius	now aſt freely,	15		42		18
16	26	b	Jeremias	thou canſt not fail	16		42		18
17	27	c	7 Dorm.	be not too ventur.	17		42		18
18	28	d	Leo 1 st .	'tis mad meddling	18	3	42		18
19	29	e	St. Peter	better ſit ſtill	19		42		17
20	30	f	Com. Paul.	D w. ♀ at 1 Aſter.	20		43		16
21		g	July 2 paſt Trinl.	D w. ♀ at 9 at nig.	21		44		16
22	21	a	Viſit. V M.	trouble not thy ſelf	22		44		16
23	3	b	Cornelius	it begins to mend.	23		45	3	15
24	4	c	Viricus	pretty hopeful	24		45		15
25	5	d	Anſelm.	take heed he'l ſtrike	25	3	45		15
26	6	e	Hector	D w. ♀ at 8 at night	26		46		14
27	7	f	Demetrius	ſomething may be d.	27		47		13
28	8	g	3 paſt Trinl.	fall to thy devotion	28		48		12
29	9	a	Cyvilus	D w. Jupit. at 5. m. m.	29		49		11
30	10	b	B. ethr.	better ſo than worſe	30		50		10

July hath xxxi Days. 1685.

- Full Moon the 6 day, at 1 in the Morning.
- Last quarter the 13 day, at 9 in the Morning.
- New Moon the 21 day, at 10 in the morning.
- First quarter the 28 day, at 4 in the After noon.

1	B	D n luc c. Ser.	Sco. 17	0	M	7	Some showers at the begin- ning. then we may afterward have good sea- sonable wea- ther Δ δ \circ and about the 8th. or 9th. a shower, but for the most part seasonable wea- ther \ast $\frac{1}{2}$ \square ∇ δ 3. Δ \circ δ with brisk winds about this time, but towards the New-Moon, some increase \ast ∇ \circ of heat, and good Hay weather Δ δ ∇ in general but (if I have not guessed amiss) some Wind & Rain δ \circ δ about \ast ∇ the 29 \ast \circ ∇ Day.
2	a	D n Cor. Scor.	Sag. 10			32	
3	b	D n H ad. Op.	Sag. 16	1		2	
4	c	D n luc. Iyra.	Cap. 12			0	
5	d	3 p. Trini.	Cap. 16	3		15	
6	e	D n br. \ast ∇ v.	Aqu. 1		Full	●	
7	f	D n le. sh. Aqu.	Aqu. 15	9	A	24	
8	g	Term. ends.	Aqu. 28	9		54	
9	a	h m 14.	Pisc. 12	10		24	
10	b	∇ \approx 15.	Pisc. 25	10		29	
11	c	δ ∇ 1.	Ari. 9	10		42	
12	d	4 S. p. Trini.	Ari. 21	10		57	
13	e	and Sol in δ	Taur. 3	11		13	
14	f	2 Ω 9.	Tau. 15	11		31	
15	g	2 Ω 17.	Tau. 27	12		2	
16	a	2 Ω 26.	Gem. 9	0	M	2	
17	b	1 n R. sh. Aur.	Gem. 21	0		31	
18	c	n Syrius	Can. 3	1		2	
19	d	5 S. p. Trini.	Can. 15	1		48	
20	e	D n procyon	Can. 27	2		52	
21	f	D Afellus	Leo 9		New	●	
22	g	1 n Cor. icon.	Leo 22	8	A	41	
23	a	D n \ast inf. le.	Virg. 5	9		0	
24	b	D n ex. cau l.	Virg. 18	9		18	
25	c	St. James.	Lib. 2	9		34	
26	d	6 S. p. Trini.	Lib. 15	9		51	
27	e	D n luc. Cor.	Lib. 29	10		10	
28	f	D laux. Bo.	Sco. 13	10		34	
29	g	1 n f. H. O.	Sco. 27	11		4	
30	a	2 n Head. H.	Sag. 11	11		40	
31	b	D n R. sh Oph.	Sag. 26	12		30	

JULY 1685.

			Saturn following the Sun, sets between 9 and 10 at Night. <i>Jupiter</i> sets between 10 and 11 at Night-- <i>Mars</i> sets near Mid-night. <i>Venus</i> is under the Sun Beams. <i>Mercury</i> toward the end of the Month, is hid under the Sun Beams.		
Engl. Acc.	Rom. Acc.	R. saints d.			
1 11	C	Pius	<i>Complementum Legis, pax est</i>	13	518
2 12	D	Henricus	W. ♂ at 10 in them	2	52
3 13	E	Margaret	small encouragem.	3	53
4 14	F	Bonavent	take heed of a cheat	4	54
5 15	G	4 pass. Trini.	out of humour	5	55
6 16	A	Hillary	court not	6	56
7 17	B	Kenelm.	it begins to mend	7	58
8 18	C	Maternus	be not too hasty	8	59
9 19	D	Rufina	Sun E. at 7. h. 7. m. m.	9	08
10 20	E	Elias	Sun w. 4. h. 53 in Afr.	10	17
11 21	F	Daniel	not very hopeful	11	3
12 22	G	5 pass. Trini.	do thy duty. Rest.	12	5
13 23	A	Apollin.	<i>Lacet anguis in herba.</i>	13	6
14 24	B	Christina	be well advised	14	7
15 25	C	St. James	cross enough, yet	15	9
16 26	D	Anna	it begins to mend	16	10
17 27	E	Martha	better so than worse	17	11
18 28	F	Panthal.	Sun due w. at 5. Afr.	18	13
19 29	G	6 pass. Trini.	Sun E. at 7. in the m.	19	14
20 30	A	Abdon.	W. ♀ at 1 After.	20	4 16
21 31	B	German	indifferent good day	21	17
22 Aug.	C	Lammas	W. ♀ at 6. in t. m.	22	19
23 2	D	Moses	bad, wh. can help it	23	20
24 3	E	Dominich.	W. h at 6. in the m.	24	22
25 4	F	Isaiah	a pleasant hope. time	25	24
26 5	G	7 pass. Trini.	W. ♀ at 4. in the A.	26	25
27 6	A	Sextus	now she smiles	27	27
28 7	B	Donatus	beware of a cheat	28	29
29 8	C	Ladislus	I cannot comm. nd it	29	31
30 9	D	Roman.	W. ♂ at 5. in them	30	32
31 10	E	Laurence	do thy own business	31	33

August hath xxxi Days.

- Full Moon the 4 day, 48 min. past 9 in the morning.
- Last quarter the 11 day, at 11 at Night.
- New Moon the 19 day, half an hour past 10 at Night.
- First quarter the 26 day, at 10 at Night.

1	C	D n. luc. Lyra	Cap.	10	0	M	30		Lammas day
2	D	S. p. Trini.	Cap.	25	1		30		cloudy and
3	E	D n. hig. w. S.	Aqu	5	3		0		windy, with
4	I	D n. low. w. S.	Aqu.	23		Full	●		some drifling
5	H	D n. Marchab	Pisc.	7	8	A	14	Moons	Rain about
6	A	D n. Shceat	Pisc.	21	8		31		the Full moon
7	H	D n. head An.	Aries	4	8		48		afterw. good
8	C	D n. Gird An.	Ari.	17	9		4		seasonable
9	D	S. past Trin.	Ari.	29	9		21		☐ ♂ ♀ wea-
10	E	D n. S. Foot. A.	Tau.	11	9		40		ther with mi-
11	C	♂ 7 St. rs	Tau.	23	10		9		stly Mornings,
12	H	D n. Aldebar.	Gem.	5	10		26	Rising	and ☐ ♂ ♀
13	A	Sol. in Virgo	Gem.	17	10		53		now and then
14	H	♂ 18 m	Gem.	29	11		40		Rain-like ♂ & ♀
15	C	♂ 21 m	Can.	10	12		31		♀ ♀ with
16	D	S. p. Trin.	Can.	23	0	M	32		cooling gales
17	E	♂ 7 16.	Leo	5	1		28		of Wind, and
18	C	♀ 12 22.	Leo	18	2		32		some ♂ ♀ ♀
19	H	♀ 12 24.	Virg.	1		New	●		Rab. the 16 or
20	A	♂ II 24.	Virg.	14	7	A	31		17 da. but aft.
21	H	D n. Vindemia	Virg.	28	7		50		the new moon
22	C	D n. l. sh. Boot.	Lib.	12	8		8		good seasona-
23	D	to S. past Trin.	Lib.	26	8		25		ble weather
24	E	St. Bartholom.	scor.	10	8		44	Nons. Scing	till about the
25	C	D n. l. Han. O.	scor.	24	9		8		25 ☐ ♂ & day,
26	H	D n. left sh. He.	fig.	8	9		42		then exp. W.
27	A	D n. R. sh. Op.	sag.	23	10		28		& rain, & va-
28	C	D n. lucid. lyra	Cap.	6	11		28		riable weather
29	E	D n. Br. * vu.	Cap.	20	12		38		but the end
30	D	to S. p. Trin.	Aqua	4	0	M	38		pred. a more
31	H	D n. l. sh. Aqua.	Aqua.	18	1		48		temper. seal.

AUGUST, 1685.

Engl. Acc. **Rom. Acc.** **R. Kalend.** **R. saints d.** Saturne sets between 7 and 8 at Night. *Fer-*
piter sets between 8 and 9 at Night. *Mars*
sets between 10 and 11 at Night. *Venus* and
Mercury, towards the end of the Month, do
 emerge out of the Sun Beams, and set after
 him, but can scarcely be seen.

1	11	Titus	<i>Jacula praevisa minus</i>	14	37	7
2	12	8 past Trinity	<i>seriunt.</i>	2	39	11
3	13	Hippolit	Moderately good yet	3	41	19
4	14	Berram	never worse friendsh.	4	42	18
5	15	Assump. M.	strange cross time	5	44	16
6	16	Rochus	T'o. ma. out o'th.h.	6	46	14
7	17	Agapitus	a vacant time	7	48	12
8	18	Helena	'Tis but chance medl.	8	50	10
9	19	9 past Trinity	do thy duty, serve G.	9	52	8
10	20	Bernard	hopeful, she smiles	10	54	6
11	21	Athanasius	endeavour doth it	11	56	4
12	22	Zimphor	bad time coming on	12	58	2
13	23	Zacheus	a crowd o' cross Tr.	13	60	0
14	24	St. Barthol.	it begins to mend	14	62	16
15	25	Lewis K.	venture moderately &	15	64	3
16	26	10 past Trini.	thou mayest obtain	16	66	5
17	27	Irenaeus	S. due w. 30. m. p. 5. at	17	68	13
18	28	Augustine	N. & E. 30. m. p. 6. m.	18	70	5
19	29	Decol. I. B.	<i>Mel ubi, fel ibi.</i>	19	72	5
20	30	Felix	D w. h at 8 at Night	20	74	4
21	31	Paulinus	D. 2 a. 8. w. 2 a. 11. t.	21	76	4
22	Sep.	Siles Abbot	hopeful time coming	22	78	16
23	2	11 past Trini.	D w. 1/2 at 5. in the m.	23	80	2
24	3	Gregory	make address to Seni.	24	82	4
25	4	Theodosius	not much amiss	25	84	3
26	5	Zachary	some sower so. sweet	26	86	3
27	6	Magnus	D w. 3 at 10 in the m	27	88	2
28	7	Gorgon	court not she'll dissem.	28	90	1
29	8	Nat. V. M.	to old fellows pleas	29	92	1
30	9	12 past Trini.	you attain your desire	30	94	2
31	10	Sosthenes	exceeding hopeful.	31	96	1

September hath xxx Days, 1685.

- Full Moon the 2 day, at 9 at Night.
- Last quarter the 10 day, at 6 in the Afternoon.
- New Moon the 18 day, 48 min. past 9 in the morning
- First quarter the 25 day, at 4 in the Morning.

1	T	Dn Sw. Tail	Pisces 23	7		* ♀ ♂ wind
2	B	Dn Marchab	Pisces 10	Full	●	♂ ☉ ♀ and cold
3	A	Dn Wh. Ta	Pisc. 29	7	A	Rain at the be-
4	D	Dn Head. An.	Aries 12	7	18	gining of the
5	C	Dn Gird. An.	Aries 23	7	34	Month afterw.
6	D	12 S. p. Trini.	Taur. 7	7	52	good seasonable
7	F	Dn 7 Stars	Taur. 19	8	12	weather for
8	F	Dn Aldebar.	Gem. 18	8	38	some days, but
9	G	Dn Alh. ot.	Gem. 13	9	10	the last quarter
10	A	Dn R. sh. Aqu.	Gem. 25	9	47	produc. ♂ ♀ ♀
11	U	Dn tyrius.	Can. 10	10	28	windy & ☐ ☉ ♂
12	C	Sol in Libra	Can. 19	11	18	blustering ♂ ♀ ♀
13	D	13 S. p. Tri.	Leo 1	12	16	weather
14	E	♂ ♀ 22.	Leo 13	0	M 16	Ember Week
15	I	Dn Cor. Leo.	Leo 20	1	26	and great varie.
16	B	♀ ♀ 27.	Virg. 9	2	45	♂ ♀ ♀ till after
17	A	♂ ♀ 4.	Virg. 23	4	10	the 20th day,
18	D	♀ m o. o.	Libr. 7	New	●	then 'tis hoped
19	C	♀ m 1.	Libr. 21	6	A 34	we may have
20	D	14 S. p. Tri.	scorp. 6	6	56	good seasonable
21	E	St. Matthew	scorp. 20	7	23	weather for
22	F	Dn Antares	sagit 4	7	56	* ♂ ♀ the most
23	G	Dn Head. O.	sagit 19	8	39	part, till about
24	A	Dn lyra.	Capr. 3	9	30	the 28th day,
25	U	Dn cau vul t.	Capr. 17	10	27	then expect
26	C	Dn Br. * vu.	Aqu. 1	11	38	wind and a
27	D	15 S. p. Trini.	Aqu. 14	12	54	moist Air to
28	E	Dn R. sh. Aqu.	Aqu. 28	0	M 54	♂ ♀ ♀ the end
29	F	St Michael	Pisc. 11	2	11	
30	G	Dn whail. Ta.	Pisc. 25	3	30	

Moons rising

Moons setting

SEPTEMBER, 1685.

For. Acc.		R. Saints d.	Rom. Calend.	Saturn at the beginning is Conbuſt, but toward the end of the Month, he emergeth from the Sun Beams, and riſeth before him. Mars ſets before 10 at Night. Jupiter, Venus, and Mercury, are near together, and ſet after the Sun, but can ſcarcely be ſeen.	
11	D	Theobald	The ſcene is chang.	1	5 37 6 2
12	C	Tobias	worſe and worſe	2	39 21
13	D	Amatus	not at all to thy pur.	3	41 19
14	E	Exalt. Cruc.	ſtill bad enough	4	43 17
15	F	Nicodem.	't will be a better w.	5	45 15
16	G	13 paſt Tri.	a vacant time	6	47 13
17	A	Lambert	good to court gr. m.	7	49 11
18	B	Ferriolus	'Tis chance-madly	8	5 51 9
19	C	Januarius	harm watch harm c.	9	6 53 7
20	D	Faſta.	a buſie time in ear.	10	55 5
21	E	St. Matthew	it takes no effect	11	57 3
22	F	Maurice	all off o'th hooks	12	59 6 1
23	G	14 paſt Tri.	not much amended	13	1 5 59
24	A	Ruperc	a calm time	14	3 57
25	B	Cleophas	a hopeful time now	15	5 55
26	C	Cyprian	ſhe's pleaſant	16	7 53
27	D	Judith	D w. h at 10 i. them.	17	6 9 51
28	E	Wenceſlaus	he remembers an aff.	18	11 49
29	F	St. Michael	D w. V at 10 at N.	19	13 47
30	G	15 paſt Trini.	D w. Q & R at 6 i. r. m.	20	15 45
1	O	Remigius	conſult an old friend	21	6 17 5 43
2	D	Leodeger	take thy repoſe.	22	19 41
3	E	Simplic.	If you hunt, you take	23	21 39
4	F	Francis	D w. J at 11 at N.	24	23 37
5	G	Conſtance	Pro Laurea quis ſe pa-	25	25 35
6	A	Faith	xumper non ſubderet	26	27 33
7	B	16 paſt Trini.	Jugo.	27	29 31
8	C	Pelagia	An excellent time	28	31 29
9	D	Nicaſius	you can rarely miſs,	29	33 27
10	E	Gedeon.	The ſcene is changed,	30	35 25

October hath xxxi Days.

- Full Moon the 1 day, 40 min. past 10 in the morning.
- Last quarter the 10 day, at 2 in the Afternoon.
- New Moon the 17 day, at 9 at Night.
- First quarter the 24 day, at 1 in the Afternoon.

1	♈	♂ n Head A.	Aries	8	4	50	Moons rising	Cloudy and win- ly at the begin- ning of the Mon. with some cold ♂ ☉ ♀ rain, and * ♀ about the 15th. or 16th. day we may probab. ☐ ♂ ♀ have bo. wind and rain good store, but afterwards good seasonable wea. ♂ ☉ ♀ with no great alteration. St. Luke except △ h ♂ a brisk gale of wind, and some Rain about the 19th. & like- wise about the 25th. or 26th. days, otherwise good seasonable cool weather to the end of the Month.
2	♈	♂ n Gird A.	Aries	20	Full	●		
3	♉	♂ n So. fo. A.	Taur.	3	6	A 3		
4	♉	♂ n S.p. Trin.	Taur.	15	6	23		
5	♉	♂ n 7 Stars	Tau.	27	6	46		
6	♉	♂ n Aldebar.	Gem.	9	7	13		
7	♉	♂ n R. fh. Au.	Gem	21	7	46		
8	♉	♂ n Sirius	Canc.	3	8	28		
9	♉	♂ n Castor	Can.	15	9	20		
10	♉	♂ n Asellus	Can.	27	10	19		
11	♉	♂ n S. past Tri.	Leo	9	11	26	Moons setting	
12	♉	♂ n Cor. leo.	Leo	21	12	35		
13	♉	♂ n 25. ☉ m	Virg.	4	0	M 35		
14	♉	♂ n m 3.	Virg	17	1	45		
15	♉	♂ n w 23.	Lib.	23	3	04		
16	♉	♂ n 7 5.	Lib.	15	4	30		
17	♉	♂ n 18.	scor	0	New	●		
18	♉	♂ n S. past Tri	scor.	14	5	A 27		
19	♉	♂ n II 21.	scor.	25	5	50		
20	♉	♂ n Herc. H. sag.	14	6	30			
21	♉	♂ n Br. * h. sag.	29	7	20			
22	♉	♂ n Can. vu.	Cap.	13	8	20		
23	♉	Term begins	Cap.	28	9	14		
24	♉	♂ n h. w. Sw.	Aqu.	11	10	52		
25	♉	♂ n S.p. Trin.	Aqu.	25	12	6		
26	♉	♂ n Marchab	Pisc:	8	0	M 6		
27	♉	♂ n Scheat. Pisc.	21	1	19			
28	♉	♂ n St. Si. & Jude.	Aries	4	2	34		
29	♉	♂ n Gird. A.	Aries	17	3	48		
30	♉	♂ n first * a.	Aries	29	5	3		
31	♉	♂ n so. fo. A.	Taur.	12	6	18		

OCTOBER, 1685.

Saturn Riset h before break of day. *Mars* sets about 9 at Night. *Jupiter* is under the Sun Beams. *Venus* is our Evening Star, and set about an hour after the Sun, *Mercury* is combult.

Rom. Calend.	For. Acc.	Rom. Acc.							
1 11	D	Trans. Ed.	Fortes fortuna me-	16	37	5	33		
2 12	E	Walfride	tuit, ignavos de-	2	39		21		
3 13	F	Telemach	primit.	3	41		19		
4 14	G	7 past Trin.	She frowns, or else	4	43		17		
5 15	A	Hedwig	'tis good	5	45		15		
6 16	H	Gallus	give up thy Accom.	6	47		13		
7 17	C	Florent	some Sweet so. sow.	7	49		11		
8 18	G	St. Luke	not much amiss	8	51		9		
9 19	E	Ptolomy	hee'l be too hard	9	53		7		
10 20	F	Windel	for thee, take heed	10	56		4		
11 21	G	18 past Trin.	a vacant time	11	58	5	2		
12 22	A	Cordula	'tis a good scēt	12	7	0	0		
13 23	H	Severine	good, except in	13	2	4	58		
14 24	C	Salome	love matters.	14	4		56		
15 25	D	Crispine	¶ n h at 1 in the m.	15	6		54		
16 26	E	Amandus	¶ n q at 5 at Night	16	8		52		
17 27	F	Victoria.	¶ n u at 8 at Night	17	10		50		
18 28	G	St. Si. and Jude	Gaudet patientia	18	12		48		
19 29	A	Narcissus	daris.	19	14		46		
20 30	H	Abfalon	¶ n q at 4 in the m.	20	16	4	44		
21 31	C	Walfgang.	be not too ventrous	21	18		42		
22	Nov.	All Saints.	'takes effect now.	22	19		41		
23 2	E	All Souls	¶ n f at 2 in the A.	23	21		39		
24 3	F	Wenefride	harm watch ha. cat.	24	23		37		
25 4	G	10 past Trin.	a hopeful time	25	25		35		
26 5	A	Petronel	a wearily	26	27		33		
27 6	H	Leonard	cross enough,	27	29	4	31		
28 7	C	Willibald	pursue the game	28	31		29		
29 8	G	Claudius	new the smile.	29	33		27		
30 9	E	Theodore	Extorta venia, vio-	30	35		25		
31 10	F	Erastus	lencia est.	31	36		24		

November hath xxth days, 1685.

- Full Moon the 1st. day 30 min. past 3 in the morning.
- Last quarter the 9 day at 9 in the morning.
- New Moon the 16 day, at 7 in the morning.
- First quarter 22 day, at 12 at Night.
- Full Moon the 30 day 30 min. past 10 at Night.

1	● All Saints	Tau.	24	Full	●	High Winds	□
2	● All Sops	Gem.	6	5	A	10	♂ ♀ and ☐ h
3	● In Alhajor.	Gem.	17	5		42	♀. ♂ ♀ ☐
4	● In R. sh. Aur.	Gem.	29	6		20	♂. ♀. Turbulent
5	● Gun. Po. Plot	Canc.	11	8		8	weather with
6	● In Procyon	Canc.	23	7		4	Snow, or cold
7	● In Ael us.	Leo	5	9		7	Rain for the first
8	● In S. p. Trini.	Leo	17	10		14	* ☉ h week of
9	● h w 28.	Virg.	0	11		25	this month, af
10	● L m 9.	Virg.	12	12		42	ter which we
11	● Sol in Sagit.	Virg.	26	0	M	42	may have *
12	● ♂ m 13.	Libra	9	2		3	♀ ♀ more
13	● ♀ w 9.	Libra	23	3		28	seasonable wea
14	● ♀ m 25.	Scorp.	8	4		56	ther, but * h ♀
15	● In S. p. Trini.	Scorp.	23	6		25	the 4 th . and 5 th
16	● In Herc. H.	Sagit.	8	New	●		days are cold
17	● ♂ II 20.	Sagit.	23	5	A	8	with brisk winds
18	● In Lyra	C. pr.	8	6		0	and moisture, ab
19	● In Br. * ul.	Capr.	23	7		4	so mists about
20	● In Hi. wi Sw.	Aqua	7	8		24	this time, and a
21	● In low. w. S.	Aqua	21	9		44	sharp Air, yet
22	● In S. p. Trini.	ifces.	5	11		2	seasonable wea
23	● In Marchab Pif.		18	14		20	ther with wind
24	● In Wha. Tai.	Aries	10	M		20	toward ♂ ☉ ♀
25	● In Head. An.	Aries	14	1		34	△ h ♀ the end
26	● In first * A.	Aries	26	2		4	☾ Eclipsed Visi
27	● In S. F. An.	Taur.	8	4		0	ble.
28	● Term ends	Taur.	21	5		14	
29	● Advent. Sun.	Gem.	2	6		27	
30	● St. Andrew	Gem.	14	ull	10		

Moons Rising

Moons Setting

Rom. Acco.

1 11
2 12
3 13
4 14
5 15
6 16
7 17
8 18
9 19
10 20
11 21
12 22
13 23
14 24
15 25
16 26
17 27
18 28
19 29
20 30

NOVEMBER, 1685.

Saturn riseth about 1 in the Morning. *Jupiter* riseth about break of Day. *Mars* followeth the Sun, and sets about 9 at Night. *Venus* followeth the Sun, and sets 2 hours after him. *Mercury* riseth before the Sun at the beg. but at the end of the month he is Consumed.

Rom. Kalend.	Rom. Saturns d.	Rom. Acco.	Eng. Acco.						
1	11	☉	21	pass Trin.	<i>Apage Jurcifer.</i>	1	7	38	422
2	12	☿	22	Cunibert	<i>Quid titulos & Stemma-</i>	2	39	21	
3	13	♂	23	Eugenia	<i>ta non tua usurpas?</i>	3	41	19	
4	14	♂	24	Frederick	Court not	4	43	17	
5	15	♂	25	Leopald	make thy Accounts	5	45	15	
6	16	♂	26	Otmarus	Act now.	6	46	14	
7	17	♂	27	Hugh	Take heed hre'l strike	7	48	12	
8	18	☉	28	22 pass Trin.	fall to thy devotion	8	49	11	
9	19	☿	29	Elizabeth	it will be better	9	51	9	
10	20	♂	30	Edmo. King	hopeful, act now.	10	752	4 8	
11	21	♂	1	O. la. v. M.	D w. ♀ at 4 in the Af.	11	54	6	
12	22	♂	2	Cicily	<i>Quot homines, tot sen-</i>	12	55	5	
13	23	♂	3	Clement	<i>tentie.</i>	13	57	3	
14	24	♂	4	Cryfog.	D w. ♀ at 4 After.	14	58	0	
15	25	☉	5	23 pass Trin.	D w. ♀ at 7 at night	15	8	0 4 2	
16	26	☿	6	Conradus	not much amiss	16	1	359	
17	27	♂	7	Guntherus	Th'old fellow frowns	17	3	57	
18	28	♂	8	Rufus	D w. ♀ at midnight	18	4	56	
19	29	♂	9	Saturn halt	it falls to thy desire.	19	6	54	
20	30	♂	10	St. Andrew	be not too ventrous	20	7	53	
21	Dec.	☉	11	Longin.	D w. ♂ at 9 in the m.	21	8	52	
22	1	☉	12	Advent.	some sower so. sweet	22	9	51	
23	2	☿	13	Osmond	indifferent good	23	810	350	
24	3	♂	14	Barbary	it takes no effect	24	11	49	
25	4	♂	15	Sabina	a fit time for hunting	25	12	48	
26	5	♂	16	Nicolas	you cannot miss	26	13	47	
27	6	♂	17	Ambrose	I cannot commend it	27	14	46	
28	7	♂	18	Conc. B. M.	'tis chance medly	28	15	45	
29	8	☉	19	2 Advent.	pretty good, but	29	16	44	
30	9	☉	20	Miltiades	'tis soon changed.	29	16	44	

December hath xxxi Days.

- ☾ Last quarter the 9 day, at 1 in the morning.
- ☾ New Moon the 15 day, 40 min. past 5 at night.
- ☾ First quarter the 22 day, at 2 in the Afternoon.
- ☾ Full Moon the 30 day, 10 min. past 6 at Night.

1	☾	☾ n R. sh Aur	Gem. 26	4	A	13	Moons rising	Windy at the beginn. of the month, with cloudy weather, and ☐ h ☽ probably * ☽ ☽ some Snow or fleet, also a sh. ☐ ☉ h Air with brisk winds and moisture ☐ ☽ ☽ about the 12 th day, then good seasons. * ☽ ☽ weather, with some missings about the 9 th . but about the 22 or 23 ^d . days lofty winds with cold and cloudy weather ☐ h ☽ but * ☉ ☽ toward the end more * ☉ ☽ calm ☐ ☽ & seasonable.
2	☾	☾ n Sirius	Can. 8	4		54		
3	☾	☾ n Procyon	Can. 20	5		47		
4	☾	☾ n Asellus	Leo 2	6		46		
5	☾	☾. hydra H.	Leo 13	7		52		
6	☾	☾ S. Advent.	Leo 26	9		4		
7	☾	☾ m 29 Stat.	Virg. 9	10		15		
8	☾	☾ m 14.	Virg. 21	1		28		
9	☾	☽ ✕ o.	Libra 4	12		44		
10	☾	☾ n Vir. Spik.	Lib. 18	0	M	44		
11	☾	☾ Sol in Capri	Scor. 2	2		4	Moons setting	
12	☾	☽ ☽ 14.	Scor. 16	3		30		
13	☾	☾ S. Advent.	Sag. 1	5		3		
14	☾	☽ ☽ 12.	Sag. 16	6		39		
15	☾	☽ II 18.	Capr. 1		Full	●		
16	☾	Ember week.	Capr. 16	4	A	40		
17	☾	☾ n B. * ult.	Aquar 1	5		50		
18	☾	☾ n left sh. ☽	Aqua. 16	7		10		
19	☾	☾ n Fomah.	Pisc. 0	8		30		
20	☾	☾ 4 S. Advent.	Pisc. 14	9		50		
21	☾	☾ St. Thomas	Pisc. 28	11		8	Moons setting	
22	☾	☾ n head. An.	Aries 12	12		24		
23	☾	☾ n Gird An.	Aries 24	0	M	24		
24	☾	☾ n fo. Fo. An.	Tau. 6	1		38		
25	☾	☾ Nat. Christ	Tau. 18	2		50		
26	☾	☾ St. Stephen.	Tau. 29	4		5		
27	☾	☾ St. John Ev.	Gem. 11	5		8		
28	☾	☾ Innocents.	Gem. 25	6		13		
29	☾	☾ n Sirius	Can. 5	7		16		
30	☾	☾ n Procyon	Can. 17		New	☾		
31	☾	☾ n Asellus	Can. 29	4		30		

DECEMBER, 1685.

For. Acc.	Com. Kalend	No. Saints d	Sat. m	Riseth about mid-night. <i>Jupiter</i>
				Riseth betwixt 4 and 5 in the Morning.
				<i>Mars</i> followeth the Sun, and sets about 9 at Night. <i>Venus</i> shineth till 7 at Night. <i>Mercury</i> toward the end, evergeth out of the Sun Beams.
11	b			Damasius <i>Vae scandalizanti; singularibus enim tormentis torribitur.</i> 18 16 3 44
12	c			Valerius 2 17 43
13	d			Lucie V. 3 17 43
14	e			Nichasius She's in a passion 4 18 42
15	f			Abraham none of the best 5 18 42
16	g			3 Advent 'tis a Lottery 6 18 42
17	a			Lazarus a calm time 7 18 42
18	b			Christopher cross carding 8 19 41
19	c			Loth. D w. h at 5 in the m. 9 19 41
20	d			Amon. a hopeful time 10 19 41
21	e			St. Thomas aet vigo usly 11 8 19 3 41
22	f			Theodosius D w. 4 at 10 in th.m. 12 19 41
23	g			4 Advent none of the best 13 19 41
24	a			Adam & Eve she smiles, but he 14 19 41
25	b			Christm. day. remembers an affront 15 18 42
26	c			St. Stephen. D w. 7 at 11 in th.m. 16 18 42
27	d			St. John. consult an old friend 17 18 42
28	e			Innocents. D w. 9 at 9 at Nig. 18 18 42
29	f			Jonathan indifferent good yet, 19 17 43
30	g			David D w. 3 at 6 in th.m. 20 17 43
31	a			Sylveſter cro's, & bad enough 21 8 16 3 44
	Jan	1686	Circum.	study no mischief 22 15 45
2	b			Abel it begins to mend 23 15 45
3	c			Enoch good, b. be not too b. 24 14 46
4	d			Methusalem better so then worse 25 13 47
5	e			Simeon she frowns, 'tis but 26 13 47
6	f			Epiphany chance-medly, bewa. 27 12 48
7	g			Julian of passion, now she 28 11 49
8	a			Erhard smiles, but the old 29 10 3 50
9	b			Marcel man frowns, be not 30 8 9 41
10	c			Paul Erem. weary of well doing. 31 8 52

A Table shewing how many Years purchase a Lease or Annuity to endure for any number of Years under 3; is worth presently, at Interest upon Interest, at six in the hundred; and shewing plainly how to discount any Lease in Being, and the value of the Reversion after any number of Years,

Years of a Lease			The Use and Explanation of this TABLE.			Years of a Lease		
Years.	Months.	Tenth parts.	The first Column towards the left Hand sheweth the Years of a			Years.	Months.	Tenth parts.
1	0	11	0	Lease, or Annuity, & right against	17	10	5	8
2	1	9	9	each year, is the years, Months, &	18	10	9	9
3	2	8	1	tenth parts of a Months Purchase	19	11	1	3
4	3	5	9	that such a Lease, or Annuity is	20	11	5	7
5	4	2	5	worth. EXAMPLE.	21	11	9	3
6	4	11	0	Suppose a Lease or Annuity to	22	12	0	5
7	5	7	0	continue 12 Years, & you would,	23	12	3	6
8	6	2	7	know how many Years purchase it	24	12	6	6
9	6	9	6	is worth in present Money, look in	25	12	9	4
10	7	4	3	the Table for Twelve Years of a	26	13	0	0
11	7	10	7	Lease to the left Hand, & against	27	13	2	5
12	8	4	6	the same you shall find, 8, 4, 6.	28	13	4	9
13	8	10	3	which sheweth that such a Lease	29	13	7	1
14	9	3	6	is worth eight Years four Months	30	13	9	2
15	9	8	5	& six Tenth Parts of a Months	31	13	11	1
16	10	1	3	Purchase.	32	14	1	0

You are to take or buy the Reversion of any Lease or Annuity, work thus; Suppose the Lease to be Thirty Years in all, you find in the Second Table and Right Hand against thirty, 13 Years, 9 Months, and 2 Tenth Parts of a Months Purchase; this it were worth were it in present possession. But suppose there be a Lease of five Years (more or less) before you Commerce, look in the Table against the five Years, and there you find four Years, two Months, five Tenth Parts of a Month Purchase; take this out of the Sum against thirty, which is, 13 Years, 9, 2. The Remainder is, 9; 6, 7. which is 9 Years, 6 Months, and 7 Tenth Parts of a Month: And so much is the Reversion after five Years worth, the Remainder of thirty Years.

This is Useful, and very Easie.

SAUNDER. 1685.

The Second Part.

Containing the Calculations of the Eclipses,
The Suns Quarterly Ingresses ; The Southing
of the Seven Stars, for every 5th. day of this
Year. Also Tables for the measuring of Tim-
ber ; With other things worth Observation.

The Characters of the Twelve Signs.

♈ Aries. ♉ Taurus. ♊ Gemini. ♋ Cancer. ♌ Leo.
♍ Virgo. ♎ Libra. ♏ Scorpio. ♐ Sagitary. ♑ Capricorn
♒ Aquarius. ♓ Pisces.

The Characters of the Planets

♄ Saturn. ♃ Jupiter. ♂ Mars. ☉ Sun. ♀ Venus. ☿
Mercury. ☾ Moon. ♁ Dragons Head. ☿ Dragons Tail.

The Aspects.

☿ Conjunction. * Sextile. □ Quartile. △ Trine. ♂ Op-
position.

A Brief Chronology of Memorable things to this Year, 1685.

Since { The Creation of the World
Noah's Flood
The destruction of Sodom and Gomorrah
The destruction of Troy.
Brute entred this Island.

A

3633
3978
3587
2867
2792
The

SAUNDER. 1685.

	The Building of London	2792
	The Building of York	2674
	The Building of Leicester	2629
	The Building of Canterbury	2577
	The Building of Stamford	2548
	The Building of Rome	2437
	The Destruction of Jerusalem by T. Ves.	1605
	England first received the Christian Faith	1909
	The Tower of London built	1126
	Duke William Conquered England	619
	Since Westminster Hall was built	386
	The Bible divided into Chapters	490
	The Invention of Guns	307
	The Art of Printing	245
	Pauls Steeple fired by Lightening	124
	New Star in Cassiopea.	112
Since	A great Snow fell February 4.	107
	Tilbury Camp on St. James's day	97
	A Plague in London, whereof dyed 30598	81
	Gunpowder Treason November 5.	80
	A great Snow, and Smithfield paved	70
	A great Plague in London, whereof dyed 35418	60
	King Charles the second Born, May 29.	55
	The Long Parliament began, November 3.	45
	King Charles the First was Murdered	37
	King Charles the Second returned to Whitehall	25
	Two Comets appeared in December and March	21
	The doleful Plague that followed them	20
	London was Burnt, September 2. 3, 4, 5.	19
	The last great Snow	11
	The discovery of the Popish Plot	6
	The wonderful Comet in December	5
	A Comet in August	3
	The terrible Fire in Wapping, November 19.	3
	A great Earth-Quake, October 6.	2

SAUNDER. 1685.

Of the Eclipses this present Year.

Three times in this Year will the two bright Luminaries of Heaven be Eclipsed, from the sight of the Inhabitants of this Terraqueous Globe; viz. once the Sun, and twice the Moon.

The first Eclipse is of the Moon, the 6th. day of June, about 45 Minutes past 5 at Night, and therefore invisible to us, the Moon not being risen. It is a great Eclipse, being above 18 digits Eclipsed, and will be visible to the South-East parts of Europe, Asia, &c.

The second Eclipse is of the Sun, June the 21st. day, 24 Minutes past 8 at Night; but by reason of the Moons Parallax in Longitude, no part of it can be seen by us, but to the North-West parts of the VVorld, Friezland, Island, &c. the Sun will appear above half Eclipsed.

The third Eclipse is of the Moon, November the 30th. about half an hour past 10 at Night: It is a very great Eclipse, and will be worth the Observation of the Industrious Astronomer. The Calculation take as followeth.

November the 30th. at 10 Hours, 28 Minutes, 40 Seconds.

	Deg.	Min.	Sec.
The place of the Sun is	7	19	37 47
The place of the Moon is	III	19	37 47
Node Ascending subtract.	2	19	06 31
Rest Argument Latitude	0	0	31 16
True Latitude North Asc.	0	0	2 42
Reduction Subst.			8
Time of Reduct. Add.			18
Correct time November 30. at 10 hours		28	58
Equation of time Adde	0	4	52
Difference of Meridians subst.	0	4	0
Apparent time at Leicester, at 10 Hours		29	50
Semidiameter of the Moon		15	21
Semidiameter of the Earths Shadow		41	29
Sum of the Semidiameters		56	50
Parts deficient		54	7

A 2

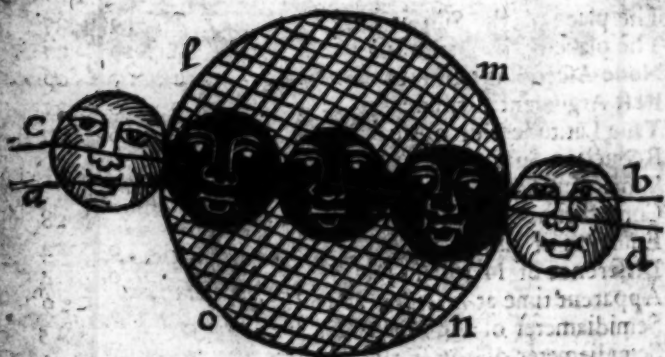
Digits

SAUNDER. 1685.

		Min.	Sec.
Digits Eclipsed are 21		9	11
Minutes of Incidence and half Tar.		56	46
Minutes of half Tar. in total darkness		26	00
Time of Incidence and half Tar. 2 Hours		5	13
Time of Incidence	1	8	02
Half continuance of total darkness		57	29
Total darkness	1 Hour	54	58
VVhole duration	4 Hours	11	02
Interv. of the true ☉ and greatest Obscurar. subf.			30
The middle of the Eclipse at	10 Hours	29	20
The beginning at	8 Hours	23	49
Beginning of total darkness	9	31	51
End of total darkness	11	26	49
The full end at	12	34	51

Moons Latitude	{ at beginning	South Def.	2	42
	{ at the end	North Asc.	8	8

A Type of the Eclipse.



In

In this figure the great Circle, *I. m. n. o.* representeth the Earths Shadow, through which the Moon passing, is thereby Eclipsed; The line *a. b.* represents the Ecliptick, the line *c. d.* the way of the Moon in her Orbit; The utmost Moon to the Right hand, sheweth the place of the Moon at the beginning of the Eclipse, with South Latitude, 2 min. 42. sec. descending; the first within the shadow, sheweth the Moons place at the beginning of total darkness; the middlemost Moon sheweth the Moons place at the middle of the Eclipse, with North Latitude, 2 min. 43 seconds ascending; The utmost within the shadow to the left hand, is the Moons place at the end of total darkness, where when the Moon cometh, she doth immediately begin to recover light on the East side of her body, the last being without, (and on the Left hand) the shadow sheweth the Moons place at the end of the Eclipse, the Moon then having 8 min. 8 sec. of North Latitude.

This great Eclipse is Celebrated in the 20th. degree of Π the Ascendent of the famous City of London; Authors tell us, that Eclipses of either of the Luminaries, happening in Π \approx or \approx , portends Famine, pestilent diseases, and the like, and that Eclipses of the Moon, in Π 10 *mediis Gradibus, repentinos Exercituum motus, privatarum, publicarumque rerum Sollicitationes*; places under Gemini are Sardinia, part of Lombardy, Flanders, Brabant, Wertemberg, Hircania, Armenia, Symenaica, Barbados, Egypt the lower; of Cities and Towns, London, Corduba, Turinum, Valencienes, Vircollas, Lovain, Brages in Flanders, Maguntia, Bamberg, Norimberg, thus much of Eclipses.

Of the four quarters of the Year, and first of the Spring.

THE Spring Quarter takes beginning this year the 9th. day of March, 20 min. past 8 at Night, at which time the Sun entering the first scruple of the Equinoctial sign Aries, doth make equal day and night to all the world, (except under the Poles) now the Air obtains an equal temperament, whence the pores of the Earth are relaxed, and a vivifying fume evaporating, ascendeth by the cold and chillified Roots of Herbs and Plants, and produceth their vegeable life. The nature of this Quarter is generally known to be hot and moist, which if it should prove other-

otherwise, it bringeth sudden strange diseases and noxious distempers, such persons as are naturally Melancholly enjoy their Healths the best this Quarter, the sanguine the contrary; Youth and Childhood are inclinable to many distempers, but Age is vivacious and lively: Those diseases which proceed from excess and putrefaction of blood are most dangerous, but such as have their original from melancholly are less hurtful. In *March* use such meats as purge and sweeten the blood, it is good to bathe, but not to purge or bleed much this moneth. In *April*, if need require, you may freely bleed or bathe, and to purge the Stomach is good; drink moderately, for it is more dangerous now than at any time of the year, and forbear salt meats. In *May* you may gently purge the body, or blood upon occasion, or open a Vein; 'tis wholesome also to drink Clarified VVhey, but forbear VVine, and all meats that are of a hot quality.

Of Summer.

Summer Quarter begins this year the 10th day of *June*, 53 min. past 10 at Night, the Sun at that time entering the first scruple of the Tropical Sign *Cancer*, doth make the longest day and shortest night to all the inhabitants on this side the Equator; The constitution of this Quarter is naturally hot and dry, resembling Choler and Manhood; The Phlegmatick Constitution is best in Health this Quarter, the Cholerick the contrary: Ancient people now revive, but young people through the great abounding of blood and choler, are much exposed to Feavers, especially the tertian, and those distempers which proceed from blood and choler, are more dangerous than those that arise from blood and phlegm. In the moneth of *June* abstain from such meats as ingender raw and moist humours. A cup of good white wine doth now purge choler and offensive humours from the stomach being taken fasting; Eat moderately, and such meats as are easily concocted. In *July* and *August* beware of bleeding and purging, and drink but little wine, but to eat sage with your meats is very good; Refrain venery, and all immoderate exercise, beware of taking cold, and of eating such meats as do breed melancholy; For the weather I refer you to the Calendar.

of

Of Autumn.

Autumn this year beginneth *September* the 11th. 14 min. past 2 in the Afternoon; at which time the Sun touching the first scruple of the Equinoctial Sign *Libra*, doth again make equal day and night. The nature of this Quarter is cold and dry, resembling Melancholly; Youth is lively, but Aged persons languish; persons of moist and phlegmatick Constitutions are best in health, but Melancholly the contrary. In *September* it is good to purge, and to that end is highly commended, *Cassia* newly drawn, that gently purgeth and comforts nature; and to use Cordial powder in your broaths is good. In *October*, the body waxing dry, and the brain moist, it is therefore good to eat roasted meats, and to drink pleasant new wine, and to let blood, and purge as occasion requires; but in *November*, melancholly increaseth, and blood decreaseth, it is now good to vomit sometimes, but bathing is not good, eggs and honey are held to be very good, and salt and powdered meats may now be eaten without prejudice; And take heed this Quarter, as much as may be of taking cold.

Of Winter.

Which takes beginning this year, *December* the 11th. day, 16 min. past 2 in the Morning, the Sun then entring the first scruple of the Tropical Sign *Capricorn* hath his greatest South declination, thereby making our shortest day and longest night; this Quarter naturally is cold and moist, youth and cholerick persons are therefore best in health, but aged and phlegmatick Constitutions are subject to many distempers. In *December*, melancholly and phlegm do much increase, which are heavy, dull and cold, and therefore it behoves all persons that value and prize their healths, to keep their heads and bodies very well from cold, and to eat such meats as be of a hot quality: To drink wine is very good, and to use good spices with your meats: but neither bleed nor purge, unless there be great necessity, the same observe in *January*, but in *February* you may take Pills to purge the head; bathe, or take potions: Meats of a moist nature are now accounted unwholsome, but you may bleed now if there be occasion, without prejudice.

SAUNDER 1685.

A Table, shewing the hour and minute of the Seven Stars
coming to South, every 5th day of this Year. 1685.

Moneths	Dayes of the Moneth.											
	1		6		11		16		21		26	
	H.	M.	H.	M.	H.	M.	H.	M.	H.	M.	H.	M.
January	7	A 53	7	32	7	10	6	50	6	28	6	8
February	5	A 46	5	26	5	7	4	48	4	29	4	11
March	3	A 58	3	39	3	21	3	22	44	2	26	
April	2	A 51	46	1	28	1	10	0	51	0	31	
May	0	A 14	11	M 54	11	M 34	11	14	10	53	10	33
June	10	M 8	9	47	9	26	9	6	8	45	8	25
July	8	M 5	7	45	7	24	7	4	6	45	6	25
August	6	M 3	5	45	5	26	5	8	4	49	4	31
September	4	M 10	3	52	3	35	3	17	2	59	2	41
October	2	M 22	2	3	1	44	1	25	1	5	0	46
November	0	M 22	0	2	11	A 39	11	16	10	54	10	32
December	10	A 11	9	A 49	9	26	9	4	8	4	8	20

Seek the Moneth on the left hand, and the day on the top, and in the Angle of meeting you have the hour and minute when they will be due South, they rise 8 hours 16 min. before.

A Brief Discourse concerning the time of the Celebration of the Holy Feast of Easter.

Easter is the principal and greatest Feast in the year, upon which all the other moveable Feasts depend, and at this day, there be three sorts, viz. *Pascha Mosaicum, seu Hebraeorum*, the *Jewes* Easter, *Pascha Dionysianum*, our Easter, and *Pascha Novum*, the *Romans* Easter.

The *Jewes* Easter, as we read in *Exod.* 12. 18. *Levit.* 23. 5. *Numb.* 28. 16. was commanded to be kept upon the 14th. day of the first Moneth *Nisan*, at even, and the 15th. day was appointed to be an Holy Convocation: Now the beginning of this Moneth is from the new Moon, which happeneth nearest to the Equinoctial, whether before or after; so that their Feast is at the full Moon, which falleth upon, or next after the Equinoctial.

Pascha

Pascha Christianum, the Christians *Easter* was instituted by the Primitive Church, in Commemoration (not only of the Paschal Lamb which was a Type, but) of Christ himself, who was offered upon the Cross for our sins, and triumphantly arose from the dead, upon the first Sunday next after the *Jewes Easter*.

There hath been, and are also at this present many Rules used amongst the vulgar, for the finding of *Easter*, which will this year fail of giving the time thereof, according to the true Ecclesiastical account, which hath been used for the space of 1100 years last past, which are such as these, that after the Moon hath changed twice in the new year, the next Tuesday is Shrove Tuesday, the Sunday following is the first Sunday in Lent, six Sundays after is *Easter*; Others lay thus, (which I have also seen in Print) seek the change of the Moon in *February*, and the Tuesday following is Shrove-Tuesday. There is also a rule (which is according to the decree of the Nicene Council) In our sacred Lyrurgy, for the finding of *Easter*, viz. *Easter* is the Sunday following the first full Moon which happeneth next after the one and twentieth day of *March*; but if the full Moon be on a Sunday, then *Easter* is the next Sunday after. But all these Rules do this year fail, for the Moon changeth the 24th. of *January*, and on the 23d. of *February* being Monday, but Shrove-Tuesday is not on the morrow: There is full Moon also on Thursday the 9th. of *April*, but the Sunday following is not *Easter*, though according to the Nicene Decree it should have been, for not long after its first institution there arose great controversies in the Church, about the due time of the Celebration thereof. The Western Church affirmed that *Easter* ought to be observed upon the Lords day, which next followed the *Jewes Easter*; but the Eastern Church kept their *Easter* on the day of the *Jewes Easter*: This contention continued till about the year of Christ 325, at which time *Constantine* the great, having assembled (at the Nicene Council,) out of sundry Nations 318 Bishops, and other Learned men, both Greeks and Latines, approved of the celebration of *Easter*, according to the Western Church, as may be seen by the *Paschal Canons* Established by the said Council, for the observation of *Easter*, which are as followeth;

1. *Vigesimus primus dies Martii, semper habeatur pro die Equinoctii.*

2. *Plu-*

2. *Plenilunium incidens in 21 Martii, vel proxime sequens, haberi debet pro Plenilunio Nisan.*

3. *Dies Dominica, quæ proxime sequitur illud Plenilunium, sit ipsa dies Pascha.*

4. *Si tamen 14 luna incidat in Dominicum, octiduo post Pascha celebretur, &c.*

Whereby it appears (according to the decree of the Nicene Council) that the full Moon falling upon the 21st. of *March*, or the next after it, ought to be accounted the full Moon of the month *Nisan*, so that *Easter* is to be observed upon the Lord's day next following that full Moon; but if the full Moon be upon a Sunday, then *Easter* day is to be the next Sunday after; But now to give you the best satisfaction I can, why we have not exactly followed this Rule for the space of 11 hundred years last past: It so happened, that presently after the Nicene Council, there arose some difference between the *Greeks* and *Romans* about the time of *Easter*, which continued until the time of *Justinian* the Emperour, Anno Christi 527. about which year *Dionysius* a worthy *Roman*, published Paschal Tables, and Rules Ecclesiastical, which (as they then apprehended) would agree with the decree of the former Council, and gave the limits of *Easter*, called to this day *Termini Dionysiani*, which Table, for the Readers satisfaction I have here inserted.

It was agreed by a Council holden at *Nice*, that the Sunday next following the Paschal limits answering the Golden Number, (as they are ex-
 celled in this Table) should be the day of the celebration of the Holy
 fest of *Easter*, and that whosoever
 any other *Easter* should be ac-
 counted an Heretick; yet this *Pascha*
syrianum doth often differ from
Pascha Nicenum, although (through
 want of skill in the Mathema-
 tics) it was adjudged agreeable in
 some times; and *Victor* blames *Dio-*
nysius of unskilfulness in that particu-
 lar, yet the Church hath ever since
 kept their *Easter* according to these
 limits set down by *Dionysius*, and con-
 firmed by the Council aforesaid, in-
 so much that it is not in our power to
 alter the time thereof, till it be other-
 wise established by Authority.

According to this Table (formerly
 published in the Church) hath *Easter*
 been observed ever since the year of
 Christ 534, or thereabout, and ne-
 ver kept otherwise till Anno 1582, at which time Pope *Gregory*
 the 13th reformed the Kalendar, and brought the Vernal Equi-
 nox back to the 21 of *March*, as it was at the time of the *Ni-*
ce Council, so that it appears that the *Roman* Church keep-
 their *Easter* upon the Sunday next, after the 21st. of *March*,
 their Kalendar is now reformed observe it exactly, ac-
 cording to the use of the Primitive Church; I will here give
 two or three examples of the difference between the *Rom-*
an account and ours, for the time of *Easter*, last year, 1684, the
 Golden Number was 13, now seeking in the Table, I find
Terminus Paschalis against 13 to be *March* the 24th, so that
 the next Sunday after being *March* the 20th: was *Easter* day;
 the *Roman* *Easter* was the 23d. of our *March*, or 2d. of their
April, it being the first Sunday after the full Moon, next after
 the Equinox.

The *Termini Paschalis*
 answering to the Gol-
 den Number.

G.N. *Termini Paschalis.*

1	April	5
2	March	25
3	April	13
4	April	2
5	March	22
6	April	10
7	March	30
8	April	18
9	April	7
10	March	27
11	April	15
12	April	4
13	March	24
14	April	12
15	April	1
16	March	21
17	April	9
18	March	29
19	April	17

Again

Again this year 1685, the Golden Number is 14, and the Term *Paschal*: answering thereto is *April* the 12th, and it being Sunday, our *Easter* is not till the next Sunday, viz. *April* 19, but the *Roman Easter* is on the 12th of our *April*, or 22th. of their *April*, it being the next Sunday after full Moon, which happeneth next after the Equinox: But if we observe *Easter* upon the first Sunday after the first full Moon, which happens next after the 21st of our *March*, we shall not have *Easter* the next year but one, viz. 1687. till *April* 24; but according to the former Table it will be *March* 27, here the difference is a Moneth, but it would have been 5 Weeks from the *Roman*, for it is the 20th. of our *March*, it being the first Sunday after the full Moon, next after the vernal Equinox.

But in the year 1690, according to the *Dionysian* Table, or *Nicene* Decree, our *Easter* will not be till the 20th of *April*, but the *Roman Easter* (which is most exact) is upon the 10th. of our *March*, so that the difference is full five Weeks. Thus much I have thought good to write, that such as make use of those vulgar Rules, might not think that we were mistaken in our Calculations: As also to shew how necessary it is, that an exact correction were made, whereby our Moneths and dayes might be correspondent to the Suns true place and motion, and *Easter* be exactly kept, according to the intentions of the Ancient Fathers and Doctors of the Primitive Church.

The

Advertisements.

WHEREAS His Majesty hath been graciously pleased to grant unto Robert Wadman Esq; and his Heirs, a Fair for Cattle, and all other Goods and Merchandizes whatsoever, to be kept on Countess Fields near Stonehenge; and between Stonehenge and Great Amesbury in the County of Wilts, 6 miles North from Salisbury, upon the 25th. and 26th. of September, yearly, called by the name of Countess. These are to give notice, that the said Fair shall be accordingly holden on the said dayes, and care is taken that all Buyers and Sellers may be accommodated with all conveniences.

DOCTOR Willis's Works compleat in English, being a whole body of Physick, lately Printed, and sold by Thomas Dring Charles Harper and John Leigh.

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If your Timber
the sides equal
en find the depth
one side in the
ble, (under the ri-
side) and against
you have the
length of a Foot ;
thus, if the side of
the square be 9 in-
ches, then 1 foot, 9
ches, and 3 tenth
parts of an inch,
each make a foot ;
and if the side be
2 inches, then 3
ches, and 6 tenth
parts of an inch will
make a foot solid :
but if the sides of
your Timber be un-
equal, that is, one
deeper than the o-
ther, you must find

the true square, thus, multiply the one side by the other, and
out of the product extract the square root, or by your line of
Numbers, thus, divide the distance upon the line, between the
two unequal sides, into two equal parts, and the Compasses
will rest upon the true square, with which number you must
enter the Table.

4 Table, shewing how much in length
will make a solid foot of Timber, the
side of the Square being known.

Side len. of a foot				Side len. of a foot			
Inch.	F.	In.	10 p.	Inch.	F.	In.	10 p.
1	144	0	0	19	0	4	8
2	36	0	0	20	0	4	3
3	16	0	0	21	0	3	9
4	9	0	0	22	0	3	6
5	5	9	2	23	0	3	3
6	4	0	0	24	0	3	0
7	2	11	2	25	0	2	8
8	2	3	0	26	0	2	6
9	1	9	3	27	0	2	4
10	1	3	3	28	0	2	2
11	1	2	3	29	0	2	1
12	1	0	0	30	0	1	9
13	0	10	2	31	0	1	8
14	0	8	8	32	0	1	7
15	0	7	7	33	0	1	6
16	0	6	7	34	0	1	5
17	0	6	0	35	0	1	4
18	0	5	3	36	0	1	3

A Table

A Table shewing how many inches in length will make a foot of any round piece of Timber, whose compass is known.

Com. len. of a foot			Com. len. of a foot			Com. len. of a foot		
Inch.	Inch.	100 p.	Inch.	Inch.	100 p.	Inch.	Inch.	100 p.
20	54	29	47	9	83	74	3	93
21	49	23	48	9	42	75	3	86
22	44	86	49	9	04	76	3	76
23	49	90	50	8	69	77	3	66
24	37	69	51	8	35	78	3	57
25	34	74	52	8	03	79	3	48
26	32	12	53	7	73	80	3	39
27	29	79	54	7	42	81	3	30
28	27	70	55	7	18	82	3	23
29	25	82	56	6	92	83	3	15
30	24	13	57	6	68	84	3	08
31	22	60	58	6	45	85	3	01
32	21	21	59	6	24	86	2	94
33	19	92	60	6	03	87	2	87
34	18	78	61	5	84	88	2	80
35	17	74	62	5	65	89	2	74
36	16	76	63	5	47	90	2	68
37	15	86	64	5	30	91	2	62
38	15	04	65	5	14	92	2	57
39	14	28	66	4	98	93	2	51
40	13	57	67	4	84	94	2	46
41	12	92	68	4	70	95	2	41
42	12	31	69	4	56	96	2	36
43	11	74	70	4	43	97	2	31
44	11	31	71	4	31	98	2	26
45	10	72	72	4	20	99	2	22
46	10	26	73	4	08	100	2	17

The use of the Table.

Find the compass of the tree in the first, third or fifth Column, and against it you have the length of a foot. Thus, the compass being 30 inches, the length of a foot must be 24 inches.

and 13 hundred parts of an inch. If the compass be 60 inches, then 6 inches and 2 hundred parts will be a foot. If 85, then 6 inches 1 part is a foot.

The exact way of measuring Tapering Timber, (as parts of cones or Pyramids) I shall here want room to shew; yet the common way by taking the Compass or Square in the middle of the piece, if it be much Tapering, and of a considerable length, being so far different from the truth: To come nearer, so thus divide, the length of the piece into 4, 5, or more parts, and measure the middle of each part severally, and that cast up by his proper length, shall give the content of each piece very near, all which contents being put together will be much nearer the truth, than the content found by measuring the whole piece at once by the middle.

As there are grand customary errors committed in the measuring of unequal sided and Tapering Timber; so there is one in the measuring of round Timber, which is this, to take the fourth part of the girt of a tree for the side of the square equal, but this is egregiously false, giving the content most commonly one fifth part less than the truth, yet there are some that cannot content themselves with pleading these ill Customs, but they must with all the Calumny, and railing imaginable abuse them that offer to Refute them, such is that great pretender to Architecture Samuel Sturges of Exton, who saith, that it cannot be proved that there is any more than 31 foot and $\frac{1}{4}$ of a foot in a piece of Timber whose Compass is 60 inches and the length 60 foot, his sordid language it is not my business here to Recite, But shall at present Conclude intending hereafter to make more room for this subject of Mensuration, and knowing that,

Humanum est errare, perseverare Diabolicum.

Arts Mathematical Professed and Taught by the Author.

A Rithmetick in whole Numbers, and Fractions, in Decimals, and by Logarithms, instrumental, by Decimal Scales.

Geometry, the practice and demonstration.

The

The use of Geometrical Instruments in the practice of Logarithmetria, or the mensuration of heights, depths, distances, Towers, Trees, Steeples, Mines, Wells, Descents, Churches, Towers, Forts,

Planometria, or the mensuration of Board, Glass, Pavement, Tiling, or any other superficial measure.

Stereometria, or the mensuration of Timber, Growing, Squared, Stone, Regular, or Irregular Cask, commonly called Gauging.

Geodæsia, or the measuring of Land, divers ways, and by several Instruments.

Astronomy; The description of the Circles of the Spheres, the use of the Globes Cælestial and Terrestrial.

Trigonometry, or the mensuration of Triangles, both plain and spherical; The application thereof in the solution of Problems in Geometry, Astronomy, Geography, Navigation, Fortification, Dialling, &c.

Horologigraphia, or Dyalling. Arithmetically, by the Tables of Sines, Tangents and Logarithms, Geometrically by Scale and Compasses, Instrumentally, by Quadrants, Scales, Sectors, and other instruments.

The Author is ready to serve any that shall have occasion to make use of his pains in the practice of any of the forementioned Arts.

From Ouston in Com. Leicester, June 9. 1684.

Advertisement.

Mr. Bateman's Spirits of Scurvy-grass.

THese highly Approved, and only True Spirits of Scurvy-Grass, both Plain and Golden, famous for many years for their Cure in the Scurvy, Dropsie, and several other general distempers, are exactly and faithfully prepared, and sold by the first Author, my very Worthy and Ingenious Friend Mr. Robert Bateman, at his house in Pauls Chain, near Doctors Commons, London, price one shilling each Botale, the Bottles being sealed with his Coat of Arms, the Half-Moon and Ermins, with printed directions to each Bottle which is done to prevent your being cheated with Counterfeits which are lately started up, which notwithstanding all the late Pretences, our own experience tells us that these are the True Spirits.

F I N I S.